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Attention: This service manual is only for service personnel to take reference with. Before servicing please read the following points carefully.

Safety instructions

1 Instructions

1.1 Be sure to switch off the power supply before replacing or welding any components or inserting/plugging in connection wire

1.2 Anti static measures to be taken (throughout the entire production process!):

1.2.1 Do not touch here and there by hand at will;

1.2.2 Be sure to use anti static electric iron;

1.2.3 It's a must for the welder to wear anti static gloves.

1.3 Please refer to the detailed list before replacing components that have special safety requirements. Do not change the specs and type at will.

2 Points for attention in servicing of LCD

2.1 Screens are different from one model to another and therefore not interchangeable. Be sure to use the screen of the original model for replacement.

2.2 The operation voltage of LCD screen is 700-825V. Be sure to take proper measures in protecting yourself and the machine when testing the system in the course of normal operation or right after the power is switched off. Please do not touch the circuit or the metal part of the module that is in operation mode.

Relevant operation is possible only one minute after the power is switched off.

2.3 Do not use any adapter that is not identical with the TV set. Otherwise it will cause fire or damage to the set.

2.4 Never operate the set or do any installation work in bad environment such as wet bathroom, laundry, kitchen,or nearby fire source, heating equipment and devices or exposure to sunlight etc. Otherwise bad effect will result.

2.5 If any foreign substance such as water, liquid, metal slices or other matters happens to fall into the module, be sure to cut the power off immediately and do not move anything on the module lest it should cause fire or electric shock due to contact with the high voltage or short circuit.

2.6 Should there be smoke, abnormal smell or sound from the module, please shut the power off at once. Likewise, if the screen is not working after the power is on or in the course of operation, the power must be cut off immediately and no more operation is allowed under the same condition.

2.7 Do not pull out or plug in the connection wire when the module is in operation or just after the power is off because in this case relatively high voltage still remains in the capacitor of the driving circuit.Please wait at least one minute before the pulling out or plugging in the connection wire.

2.8 When operating or installing LCD please don't subject the LCD components to bending, twisting or extrusion, collision lest mishap should result.

2.9 As most of the circuitry in LCD TV set is composed of CMOS integrated circuits, it's necessary to pay attention to anti statics. Before servicing LCD TV make sure to take anti static measure and ensure full grounding for all the parts that have to be grounded.

2.10 There are lots of connection wires between parts behind the LCD screen. When servicing or moving the set please take care not to touch or scratch them. Once they are damaged the screen would be unable to work and no way to get it repaired.

2.11 Special care must be taken in transporting or handling it. Exquisite shock vibration may lead to breakage of screen glass or damage to driving circuit.

Therefore it must be packed in a strong case before the transportation or handling.

2.12 For the storage make sure to put it in a place where the environment can be controlled so as to prevent the temperature and humidity from exceeding the limits as specified in the manual. For prolonged storage, it is necessary to house it in an anti-moisture bag and put them altogether in one place. The ambient conditions are tabulated as follows:

Temperature	Scope for operation	0—+50 °C
	Scope for storage	-20—+60 °C
humidity	Scope for operation	20%—85%
	Scope for storage	10%—90%

2.13 Display of a fixed picture for a long time may result in appearance of picture residue on the screen, as commmonly called “ghost shadow”. The extent of the residual picture varies with the maker of LCD screen. This phenonmenon doesn’t represent failure. This “ghost shadow” may remain in the picture for a period of time (several minutes).But when operating it please avoid displaying still picture in high brightness for a long time.

3. Points for attention during installation

3.1 The front panel of LCD screen is of glass. Wheng installing it please make sure to put it in place.

3.2 For service or instatallation it’s necessary to use specified screw lest it should damage the screen.

3.3 Be sure to take anti dust measures. Any foreign substance that happens to fall down between the screen and the glass will affect the receiving and viewing effect

3.4 When dismantling or mounting the protective partition plate that is used for anti vibration and insulation please take care to keep it in intactness so as to avoid hidden trouble.

3.5 Be sure to protect the cabinet from damage or scratch during service, dismantling or mounting.

Instructions on adjusting and testing

PM5518(Video signal generator),K-7253(VGA signal generator),CA210(White balancer

2.1. Adjustment and calibration flow process

For adjustment and calibration flow process diagram, see figure 1

Figure 1

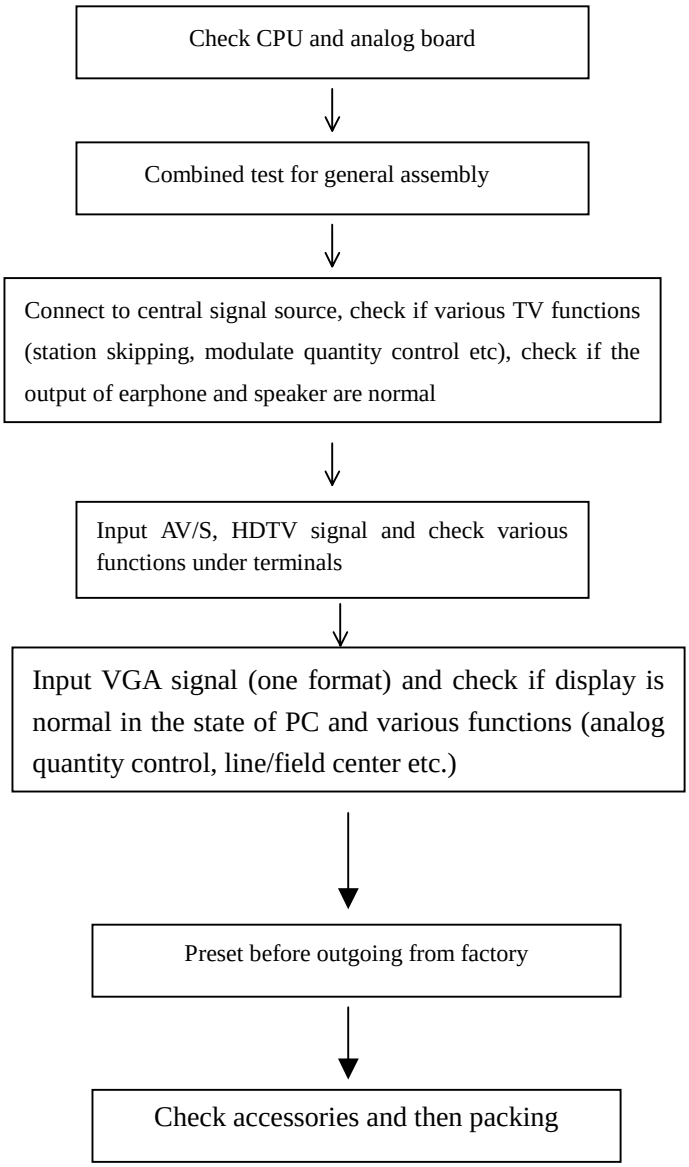

Check CPU and analog board
Combined test for general assembly
Connect to central signal source, check if various TV functions (station skipping, modulate quantity control etc), check if the output of earphone and speaker are normal
Input AV/S, HDTV signal and check various functions under terminals
Input VGA signal (one format) and check if display is normal in the state of PC and various functions (analog quantity control, line/field center etc.)
Preset before outgoing from factory
Check accessories and then packing

Figure 1 Flow process of Adjustment and calibration

2.2 Adjustment and calibration of complete set

Connect different CPU board and analog board according to connection diagram 203-L27K60-01JL. Put power supply on, see if the display is normal.

Method to enter factory menu: Continuously push “VOL+” “Mute” and “Video” keys to enter the factory menu; select different items of adjustment and calibration, when the first line of each adjustment item is in high brightness; push the “ENTER” key to select different adjustment item; push “ENTER” key after the mode is selected with VGA input and select three color temperatures 6500K,9300K,12000K; push “MENU” to quit the factory menu.

Note: The white balance adjustment should be made in the mode of “Nature” picture.

2.2.1 EPROM Initialization

Enter the first page of factory menu, push “ENTER” key after the selecting
Clear EEPROM, shut off the power supply after the appearance of “OK”.

2.2.2 VGA and DV1 channels adjustment

2.2.2.1 VGA channel mode preset

Input VGA signal of K-7253(PATTERN 5:Final Test),select TIME301 (640*350/70Hz), push ”AUTO” key to automatically adjust to make the picture full of the screen, same, to automatically adjust respectively TIME302 (720*400/70Hz) ,TIME303 (640*480/60Hz), TIME311 (800*600/60Hz), TIME313 (1024*768/60Hz), TIME315 (640*480/75Hz), TIME316 (800*600/75Hz), TIME317 (1024*768/75Hz), TIME319 (1280*1024/75Hz), and TIME339 (1280*1024/60Hz).

2.2.2.2 ADC adjustment of VGA channel

Input the signal of 64 grades of grey density to K-7253 TIME311, PATTERN474, set the adc-gain to max.(Not exceeding 18) so that the brightest two grades are distinguishable.

2.2.2.3. White balance adjustment of VGA and DV1 channels

Input the signal of 8 grades of grey density to K-7253 TIME311,PATTERN471, enter the adjustment menu of white balance. Use the white balance to adjust second and seventh grades.

Select mode to be 6500K,adjust offset_R, offset_G, offset_B, to adjust the second grade color coordinate to be 313,329 and the brightness to be about 3.5 nit. Adjust gain_R, gain_G, gain_B so that seventh grade color coordinates are 313,329. Adjust offset_R, offset_G, offset_B and gain_R, gain_G, gain_B,again and again until two grads of grey density are all set to 313,329.

Select mode to be 9300K,adjust offset_R, offset_G, offset_B,so that the second grade color coordinates are 285,293 and the brightness about 3.5 nit.Adjust gain_R, gain_G, gain_B so that seventh grade color coordinates are 285, 293. Adjust offset_R, offset_G, offset_B and gain_R, gain_G, gain_B, again and again until two grads grey density are all set to 285,293.

Select mode to be 12000K.Adjust offset_R, offset_G, offset_B,so that the second grade color coordinates are 270,283 and the brightness about 3.5 nit. Adjust gain_R, gain_G, gain_B, so that the seventh grade color coordinates are 270, 283. Adjust offset_R, offset_G, offset_B and gain_R, gain_G, gain_B, again and again until two grads grey density are all set to 270,283.

Notice: The value of gain_R, gain_G, gain_B should not exceed 128, and at least one of the values should be guaranteed to be 128

2.2.3 TV channel adjustment

2.2.3.1 Adjustment of VCO, OPTION, sub-brightness and sub-contrast

Input the AV color bar signal(PM5518 COLOUR BAR 100%)to VIDEO 1 terminal, enter the first page of factory menu. Select auto color, push key “ENTER”. About two seconds later, OK is displayed, showing the adjustment is over. Adjust the value of Option to be 11,S-bright to be 124,S-contrast to be 140, and Max Volume to be 30.

2.2.3.2 White balance adjustment of TV channel

Input AV signal (PM5518,NTSC system, eight grades of grey density signal), enter the adjustment menu of white balance. Use the white balancer to adjust the second and seventh grades. Adjust offset_R, offset_G, offset_B,so that the second grade color coordinates are 255,240 and the brightness about 3.5 nit. Fix gain_B to be 128, adjust gain_R, gain_G, so that the seventh grade color coordinates are 290, 285. Adjust offset_R, offset_G, offset_B and gain_R, gain_G again and again until two grads of grey

density are all set to regulated value.

2.2.4 White balance adjustment of YprPb channel

Input YPbPr signal of K-7253 to D4-1 terminal,input eight grades of grey density signal of TIME380(480i)PATTERN471, adjust S-bright to be 120,S-contrast to be 140. Enter the adjustment menu of white balance,adjust second grade with balancer. Adjust offset_R, offset_G, offset_B sot that the second grade color coordinates are 255,240 and the brightness about 3.5 nit.

Separately input eight grades of grey density signal of mode TIME392(480p),TIME394(720p)and TIME396(1080i). Repeat the above operation, so that the second grade color coordinates are 255,240 and the brightness about 3.5 nit.

3. Function inspection

3.1 TV function

Enter the search menu → auto search, connect RF-TV terminal to the central signal source, check if there is station skipping.

3.2 AV/S, HDTV terminal

Connect AV/S and HDTV signal, check if they are normal.

3.3 VGA connector

Insert VGA signal connector, input format signal 640 x 480@60 Hz VGA, check if the display is normal. If there is interfere in picture, push the adjustment key on the remote control set one more time, check if the display is normal.

3.4 Sound channel inspection

Check if the output of each speaker and earphone channel is normal.

3.5 For factory preset, see table. 1

Trouble shooting

Before servicing please check to find the possible causes of the troubles according to the table below.

1.Antenna:

Picture is out of focus or jumping	● Bad status in signal receiving ● Maybe broadcast signal itself is not good ● Check if the outdoor antenna is disconnected. ● Check if the antenna is correctly oriented.
Fringe in picture	● Check if the antenna is correctly oriented. ● Maybe there is electric wave reflected from hilltop or building.
Picture is interfered by stripe shaped bright spots	● Possibly due to interference from automobile, train, high voltage transmission line, neon lamp etc. ● Maybe there is interference between antenna and power supply line. Please try to separate them in a longer distance.
There appear streaks or light color on the screen	● Check if interfered by other equipment and if interfered possibly by the equipment like transmitting antenna, non professional radio station and cellular phone.

2.TV set:

Symptoms	Possible cause
Unable to switch the power on	● Check to see if the power plug has been inserted properly into the socket.
No picture and sound	● Check to see if the power supply of liquid crystal TV has been switched on. (as can be indicated by the red LED at the front of the TV set) ● See if it's receiving the signal that is transmitted from other source than the station ● Check if it's connected to the wrong terminal or if the input mode is correct. ● Check if the signal cable connection between video frequency source and the liquid crystal TV set is correct.
Deterioration of color phase or color tone	● Check if all the picture setups have been corrected.
Screen position or size is not proper	● Check is the screen position and size is correctly set up.
Picture is twisted and deformed	● Check to see if the picture-frame ratio is properly set up.
Picture color changed or colorless	● Check the "Component" or"RGB"settings of the liquid crystal TV set and make proper adjustment according to the signal types.
Picture too bright and there is distortion in the brightest area	● Check if the contrast setting is too high. ● Possibly the output quality of DVD broadcaster is set too high. ● It maybe also due to improper terminal connection of the video frequency signal in a certain position of the system.
Picture is whitish or too bright in the darkest area of the picture	● Check if the setting for the brightness is too high ● Possibly the brightness grade of DVD player(broadcaster)is set too high.
No picture or signal produced from the displayer if "XXX in search"appears.	● Check if the cable is disconnected. ● Check if it's connected to the proper terminal or if the input mode is correct.
There appears an indication - "outside the receivable scope)	● Check if the TV set can receive input signal. The signal is not correctly identified and VGA format is beyond the specified scope.
Remote control cannot work properly	● Check if the batteries are installed in the reverse order. ● Check if the battery is effective. ● Check the distance or angle from the monitor. ● Check if there is any obstruct between the remote control and the TV set. ● Check if the remote control signal- receiving window is exposed to strong fluorescence.
No picture and sound, but only hash.	● Check if the antenna cable is correctly connected, or if it has received the video signal correctly.
Blur picture	● Check if the antenna cable is correctly connected. ● Of if it has received the right video signal.

No sound	● Check if the “mute” audio frequency setting is selected. ● Check if the sound volume is set to minimum. ● Make sure the earphone is not connected. ● Check if the cable connection is loose.
When playing VHS picture search tape, there are lines at the top or bottom of the picture.	● When being played or in pause VHS picture search tape sometimes can’t provide stable picture, which may lead to incorrect display of the liquid crystal TVIn this case please press “auto” key on the remote control so as to enable the liquid crystal TV set to recheck the signal and then to display correct picture signal

Principle analysis of LC-27K6

For the working principle of LC-27K6 please refer to LC-27K6 block diagram of the complete TV set. Following is a short description of the signal flow:

RF signal through an integral tuner TUNER201 produces complete color TV signal which is input, together with AV1/SVHS(SVHS in priority) and AV2 video signals, into U29 VPC3230D for conversion selection and decoding. Except for being decoded the selected video signal is divided in two routes: one is fed to AV output terminal and another route of signal to special 21 line decoder U32 Z86229 of CCD/V-CHIP for decoding. After decoding by U32, the signal is sent back to U29 with R,G,B,FB format and superimposed to the original picture decoded, then sent to U13 FLI2310 in ITU-R656 of 8B1T format for progressive line processing.

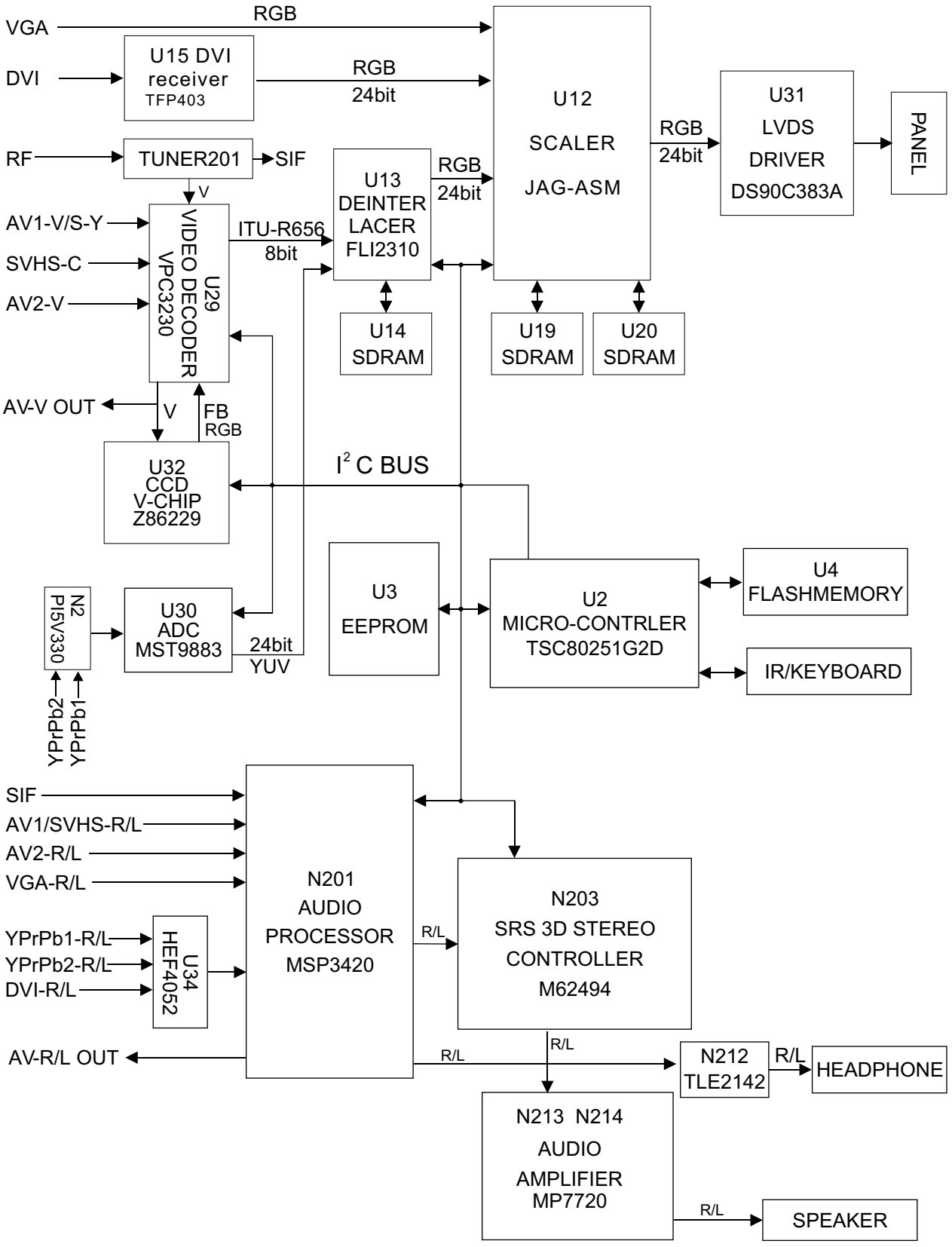
YPbPr signal, after analog to digital conversion by U30 MST9883 into YUV with 24BIT is also sent to FLI2310.

Above two routes of signal are processed by FLI2310 for matrix, color density and tint and then output as RGB with 24 BIT into the main processor chip U12 JAG-ASM. There are other two routes of signals: one route is RGB signal of VGA for computer, another route is DV1 into RGB signal with 24 bit to U12 through interface of U15 TFP403/501. Three routes of signal are processed in U12 for picture format. Among them, one route of VGA after A/D conversion for RGB is subject to selection for conversion, together with other two routes, and then processed for digital display including OSD AND GAMMA correction, and brightness and contrast processing and changed into 1024*768 format. The RGB signal with 24BIT is output to the LVDS converter, U31 DS90C383A, for conversion into the signal format which the screen can accept, that is, three pairs of low voltage differential signal and one pair of time signal. And they are further sent to LCD screen for picture display. The PWM of U12 is also used to control the brightness of the background light.

The second sound IF signal SIF output from tuner is sent to sound frequency processor N201 MSP3420; the sound frequency signal of YPRPB,and DVI is also sent to N201 after switching over and selection by switch U34 HEF4052. The AV1/SVHS,AV2 and VGA audio signal are also sent to N201 respectively, where the second sound IF SIF is first demodulated to the audio signal which, together with four way audio signal, is selected for conversion, and then further sound magnitude controlled and sound effect treated. The output of left and right signal R/L is divided into two routes: one is sent to SRS sound field processor N203 M62494 for SRS surrounding sound processing, and further used to drive the speaker after the D-type sound power amplification N207 LX1722 and amplification of N205,N206,N208,N210 SI4532DY; the other route is used to drive earphone after power amplification N212 TLE2142.

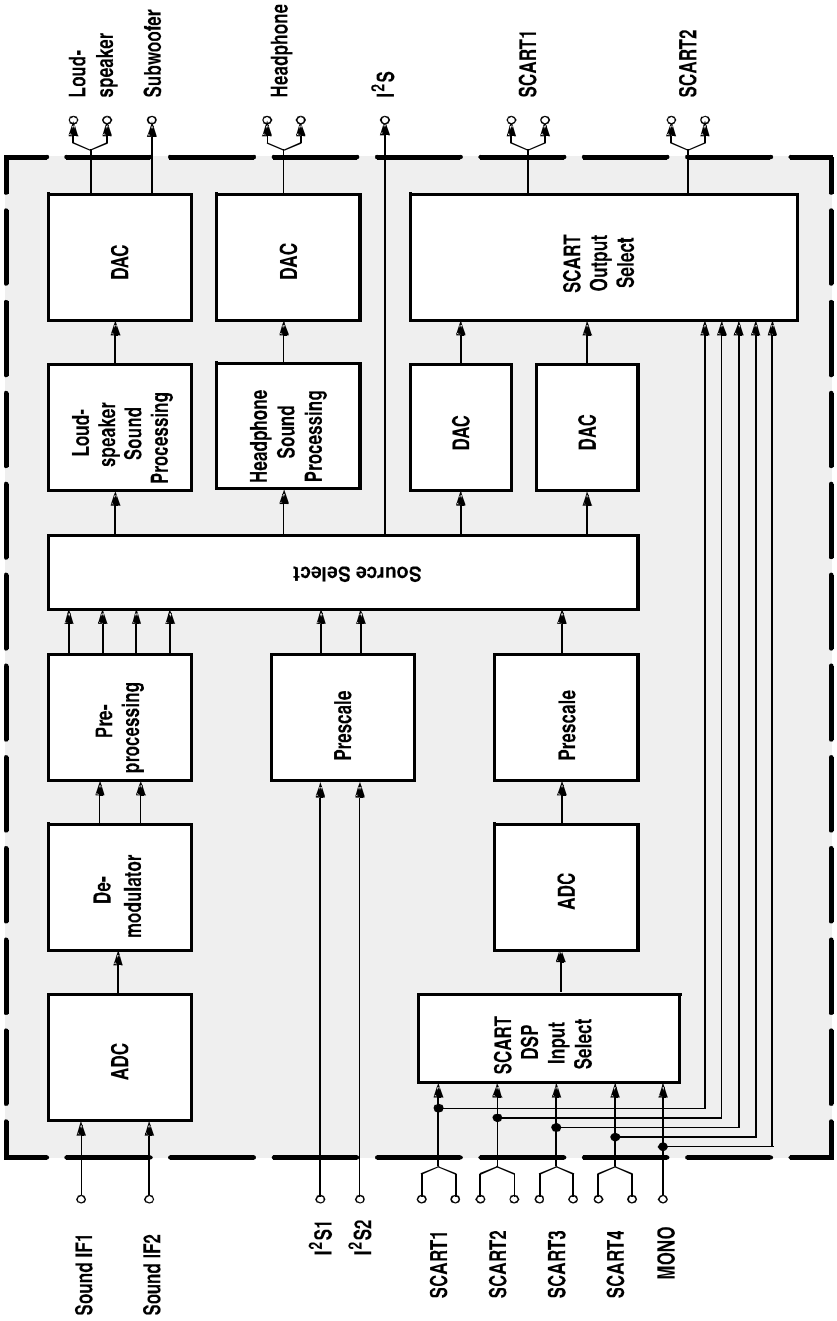
Power is supplied from power adapter and then converted into the power required by various channels and circuits.

LC27K6 BLOCK DIAGRAM



IC BLOCK DIAGRAM

1.MSP3420



Pins description:

2,3 PIN:SCL,SDA applied for control the operation of IC .

27,28 PIN:output left and right sound channel R/L to speaker processor.

36,37 PIN:AV OUT of sound R/L.

47,48 PIN: DVI/YPbPr1/YPbPr2 selected input R/L.

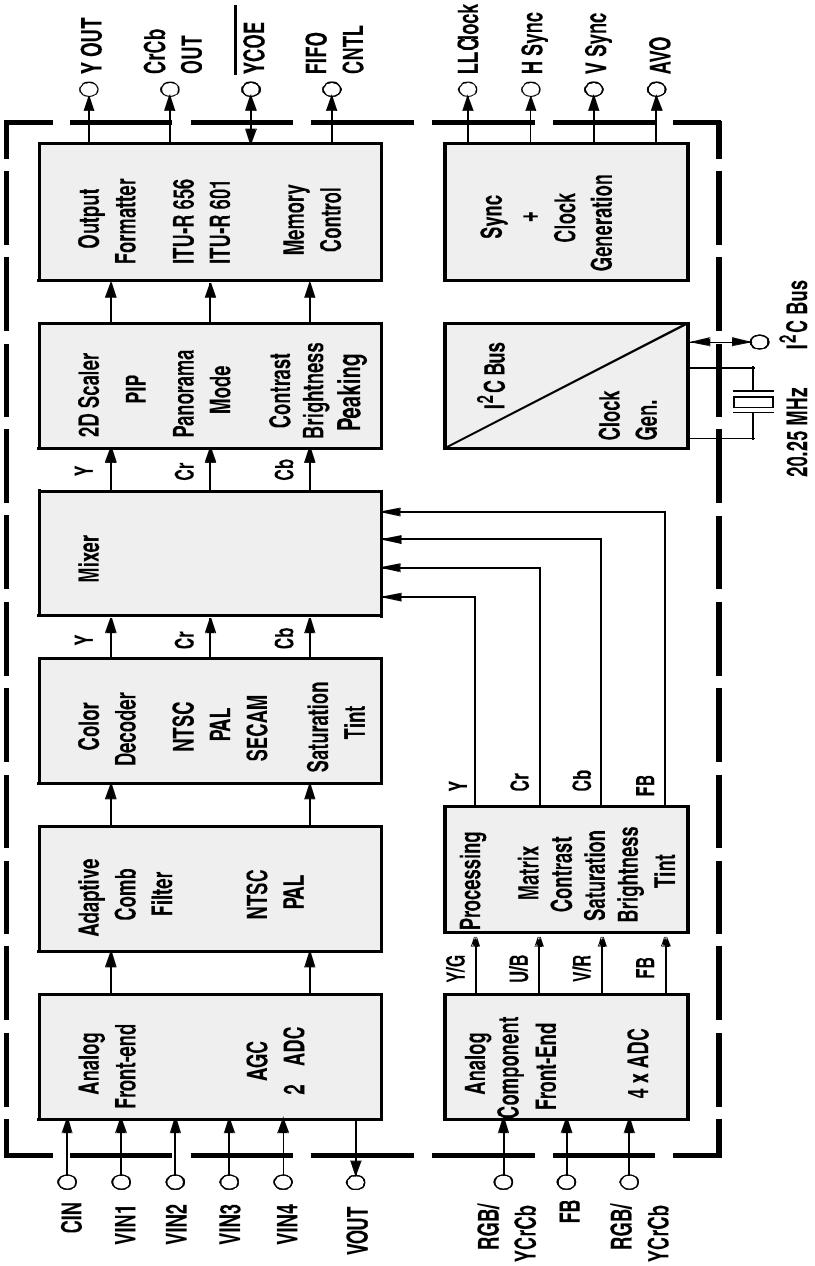
50,51 PIN:Input of VGA. R/L

53,54 PIN:Input of AV2 R/L.

56,57 PIN:Input R/L of AV1/SVHS

67 PIN:Input TV SIF.

2.VPC3230



Pins description:

31-34, 37-40 PIN:output format signal of.ITU-R656

70 PIN:Video of AV OUT

71 PIN:Input C of SVHS.

72 PIN:input Video (SVHS in priority) of Y or AV1 of SVHS.

74 PIN:input Video of AV2.

75 PIN:input Video of TV.

3.JAG-ASM

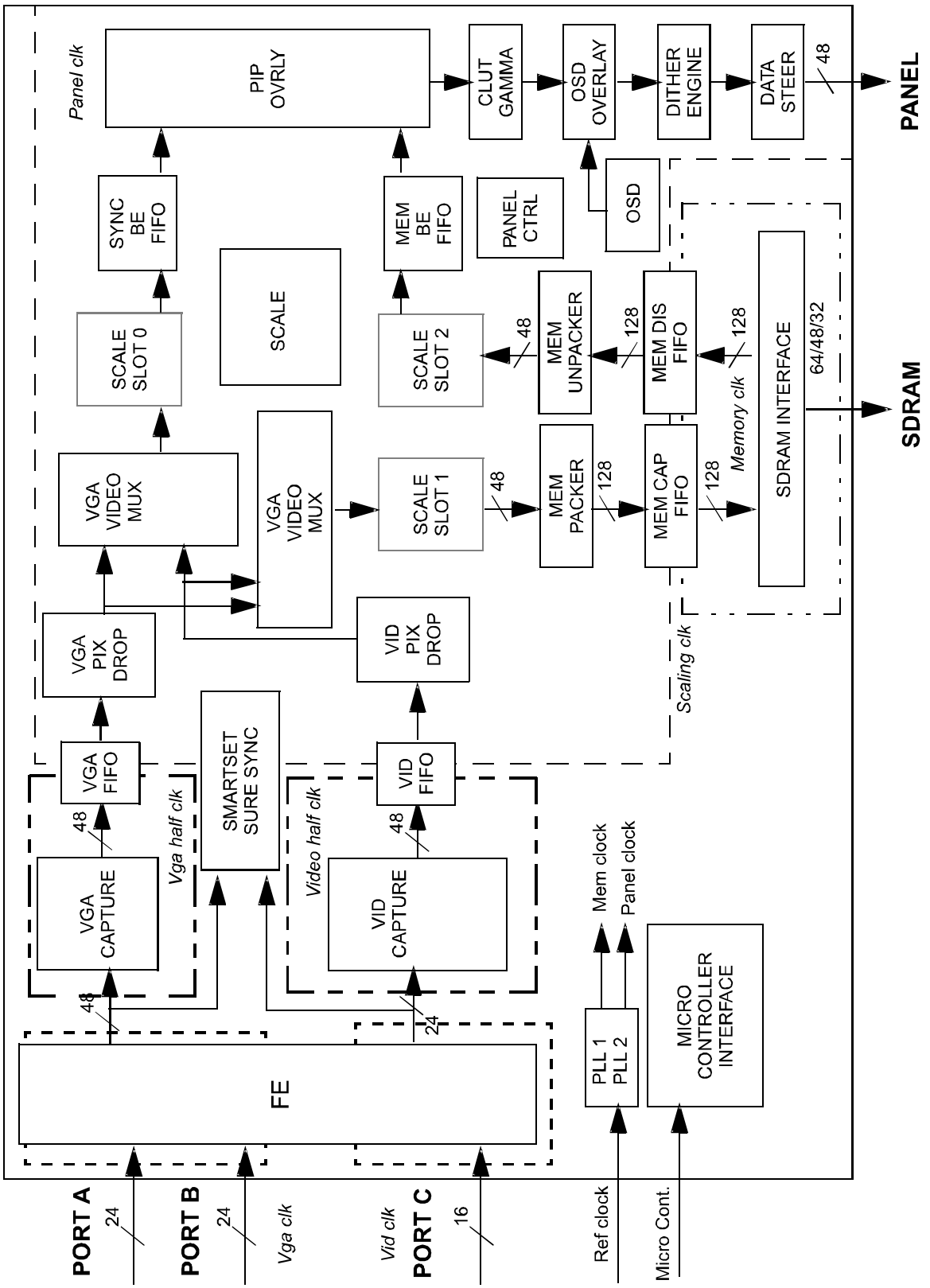


Figure 2. Functional Block Diagram

4.Z86229

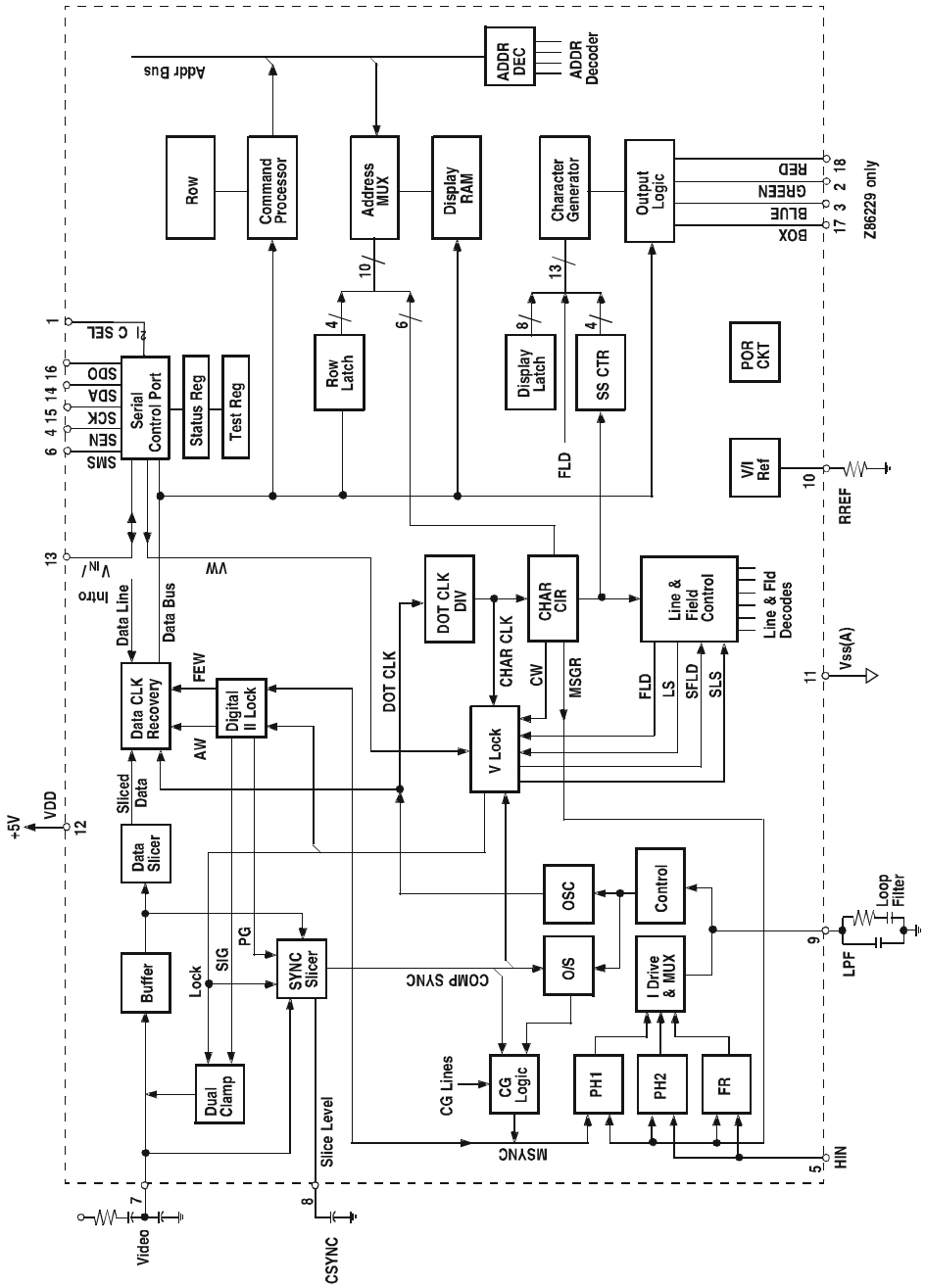


Figure 1. Z86229 Block Diagram

Pin description:

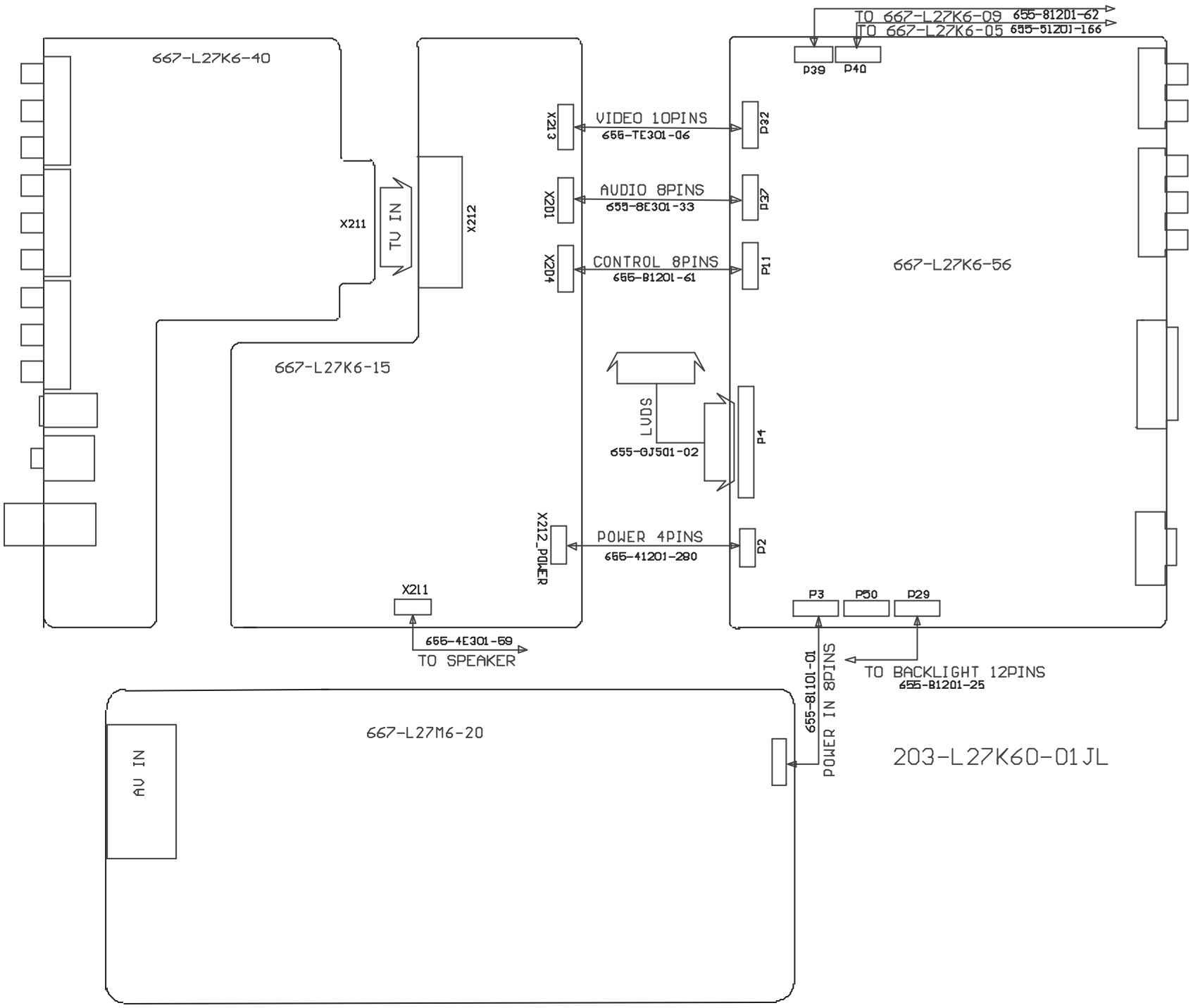
7 PIN:Video input

2 PIN:G output

3 PIN:B output

18 PIN:R output

17 PIN:FB output


667-L27K6-40
667-L27K6-15
667-L27K6-56
667-L27M6-20
X211
TV IN
X212
X213
VIDEO 10PINS
655-TE301-06
P32
X201
AUDIO 8PINS
655-8E301-33
P37
X204
CONTROL 8PINS
655-81201-61
P11
LVDS
655-GJ501-02
P4
X212_POWER
POWER 4PINS
655-41201-280
P2
X211
655-4E301-59
TO SPEAKER
TO 667-L27K6-09 655-81201-62
TO 667-L27K6-05 655-51201-166
P39
P40
P3
P50
P29
TO BACKLIGHT 12PINS
655-81201-25
655-81101-01
POWER IN 8PINS
AV IN
203-L27K60-01JL

Serial No. of Parts

Part Name	Part No.	Main components and No.	Remark
Sound conversion board	667-L27K6-15	N201 MSP3420G-Q (353-34200-10) N203 M62494FP (353-62494-20) N213 N214 MP7720 (353-77200-10)	Self produced
CPU board assy'	667-L27K6-56	U12 JAG-ASM (353-0JAG0-00) U13 FLI2310 (353-23100-00) U15 TFP403PZP (353-04030-10) U29 VPC3230D (353-32300-80) U30 MST9883B (353-98830-10) U31 DS90C383A (353-03830-70) U32 Z8622912SS (353-86229-10) U2 TSC80251G2D (353-80251-10) U4 AT49F002NT (352-49002-70)	Self produced
IR assy'	667-L27K6-09		Self produced
KEY board assy'	667-L27K6-05		Self produced
VIDEO processing board	667-L27K6-40		Self produced
Power supply board	667-L27M6-20	N904 NCP1207 (353-12070-10) V907 SPP11N60C3 (343-00600-60)	Self produced
Remote control RC-U20R	301-UL27K6-20R		
Display screen V270W1-L02	335-27001-00		

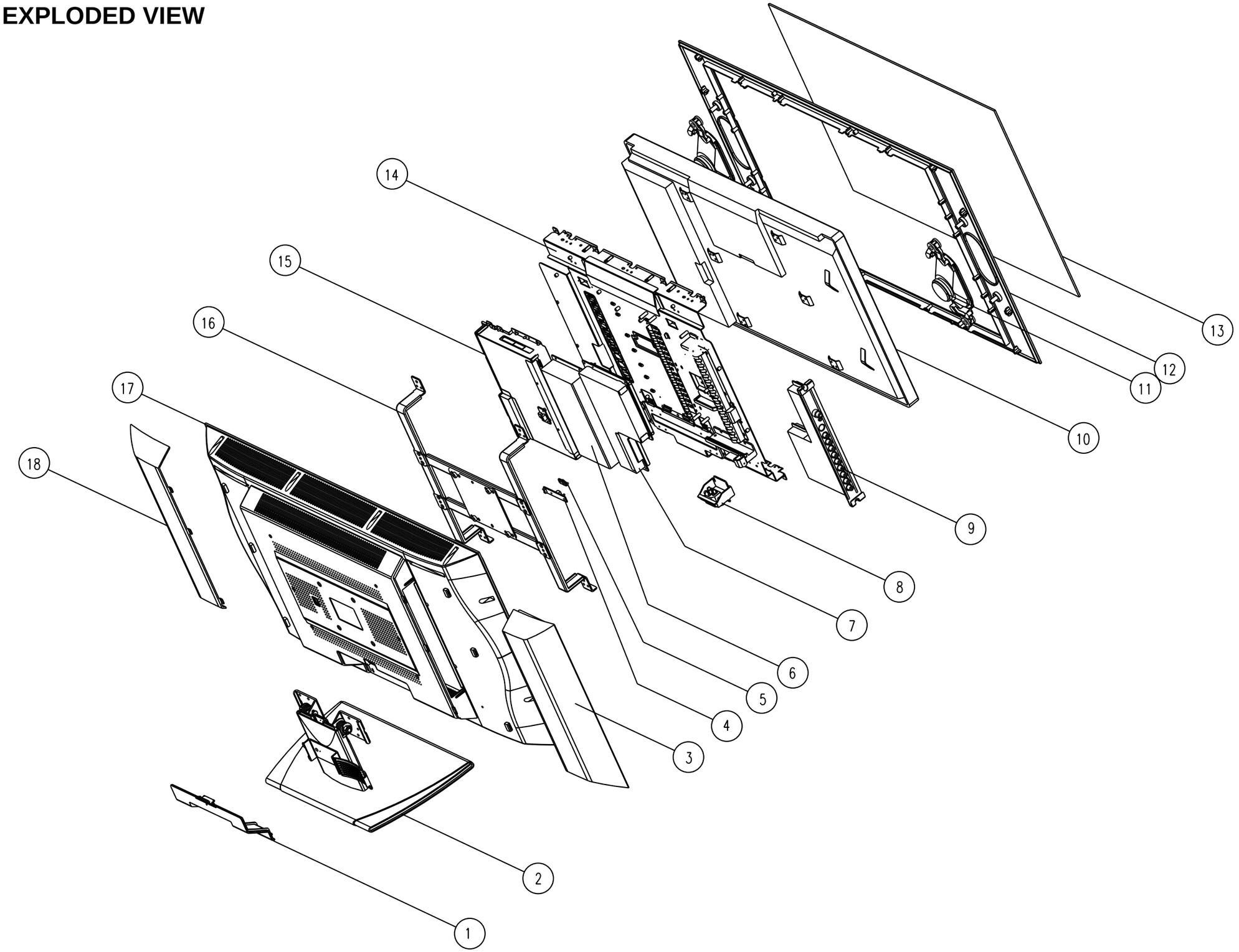
Identification criteria for the bright spot and dark spot of the LCD screen

<table>
<tr><td rowspan="2">Category</td><td rowspan="2">criteria</td><td colspan="5">Q’ty allowed</td><td colspan="5">Distance between two spots</td></tr>
<tr><td>15"</td><td>20"</td><td>22"</td><td>30"</td><td>40"</td><td>15"</td><td>20"</td><td>22"</td><td>30"</td><td>40"</td></tr>
<tr><td rowspan="3">Bright spot</td><td>One single spot</td><td>≤5</td><td>≤2</td><td>≤5</td><td>≤2</td><td>≤3</td><td rowspan="6">≥15mm</td><td colspan="4" rowspan="3">≥15mm</td></tr>
<tr><td>2 neighboring spots</td><td>≤2</td><td>≤1</td><td>≤2</td><td>≤1</td><td>≤1</td></tr>
<tr><td>Total No.</td><td>≤5</td><td>≤2</td><td>≤5</td><td>≤2</td><td>≤3</td></tr>
<tr><td rowspan="3">Dark spots</td><td>One single spot</td><td>≤6</td><td>≤7</td><td>≤5</td><td>≤4</td><td>≤10</td><td rowspan="3">≥10mm</td><td colspan="3" rowspan="3">≥5mm</td></tr>
<tr><td>Two neighboring spots</td><td>≤2</td><td>≤2</td><td>≤2</td><td>≤1</td><td>≤5</td></tr>
<tr><td>Total No.</td><td>≤6</td><td>≤7</td><td>≤5</td><td>≤4</td><td>≤10</td></tr>
<tr><td colspan="2">Total defected point</td><td>≤8</td><td>≤7</td><td>≤5</td><td>≤4</td><td>/</td></tr>
</table>

Notes:

1. Definition of defected point (bright spot, dark spot): It is identified as a defected point if its area exceeds 1/2 of a single picture element (R,G,B).
2. Definition of bright spot: It is identified as a bright spot if it is bright in the state of dark field and its bright size remains unchanged
3. Definition of dark spot: It is identified as a dark spot if it is dark in the state of white field and its dark size remains unchanged
4. Definition of two neighboring points: Defects of a group of picture elements(RB,RG,GB).

EXPLODED VIEW



PART LIST OF EXPLDED VIEW

NO.	DESCRIPTION	PART#
1	AXLETREE COVER BOARD	808-10688-AF0
2	HOLDER ASSY	615-10429-04
3	BACK CABINET COVER BOARD (RIGHT)	808-10689-AF0A
4	INFRARED SENSE ASSY	667-L27K6-09
5	LED COLUMN	700-60265-00
6	POWER BOARD ASSY	667-L27M6-20
7	SOUND SWITCH BOARD ASSY	667-L27K6-15
8	POWER SOCKET BRACKET	870-20955-AF0
9	VIDEO PROCESSING BOARD ASSY	667-L27K6-40
10	DISPLAY SCREEN	335-27001-00
11	SPEAKER ASSY	615-20332-00
12	FRONT CABINET	780-T06W0J0G0
13	PMMA BOARD	808-20296-232A
14	LED SCREEN FIXED BRACKET	615-10481-00
15	CPU BOARD ASSY	667-L27K62-56
16	WALL MOUNT BRACKET	615-10482-00
17	BACK CABINET	780-T06WHJAF1B
18	BACK CABINET COVER BOARD (LEFT)	808-10687-AF0A

	PART LIST	
PART#	**DESCRIPTION**	**LOCA.NO.**
SL27K60-01A10	**SOFTWARE**	
100-L27K60-18	**FPE2705**	
100-L27K60-01	LC-27K6	
655-B1201-46	(12-PINS) LEAD WITH HOUSING	
665-D0002-525	LVDS LINE FERRITE BEAD	
655-41201-280	(4-PINS) LEAD WITH HOUSING	
655-81201-61	(8-PINS) LEAD WITH HOUSING	
655-8E301-33	(8-PINS) LEAD WITH HOUSING	
700-60265-00	LED COLUMN	
742-30005-09	LINE TIE	
789-20039-00	RUBBER PLUG	
808-10687-AF0A	BACK CABINET COVER BOARD (GREY 05)	
808-10688-AF0	AXLETREE COVER BOARD (GREY 05)	
808-10689-AF0A	BACK CABINET COVER BOARD (GREY 05)	
808-20296-00A	BOARD	
851-53008-31	SCREW SJ2825 ST3X8FT D.Zn	
851-53008-31	SCREW SJ2825 ST3X8FT D.Zn	
851-53008-31	SCREW SJ2825 ST3X8FT D.Zn	
851-53008-31	SCREW SJ2825 ST3X8FT D.Zn	
851-53008-31	SCREW SJ2825 ST3X8FT D.Zn	
851-53008-31	SCREW SJ2825 ST3X8FT D.Zn	
851-23010-14	SCREW SJ2824 ST3X10C-Y	
851-23010-14	SCREW SJ2824 ST3X10C-Y	
851-53008-31	SCREW SJ2825 ST3X8FT D.Zn	
851-53008-31	SCREW SJ2825 ST3X8FT D.Zn	
852-54010-84	SCREW SJ2830 M4X10-Y	
852-54010-84	SCREW SJ2830 M4X10-Y	
852-43006-85	SCREW F(+)M3X6- BLACK	
852-43006-85	SCREW F(+)M3X6- BLACK	
852-43006-85	SCREW F(+)M3X6- BLACK	
852-43006-85	SCREW F(+)M3X6- BLACK	
868-20109-00	WASHER	
868-20109-00	WASHER	
852-53006-81	SCREW SJ2830 M3X6-D.Zn	
852-53006-81	SCREW SJ2830 M3X6-D.Zn	
852-53006-81	SCREW SJ2830 M3X6-D.Zn	
852-53012-81	SCREW SJ2830 M3X12-D.Zn	
852-53012-81	SCREW SJ2830 M3X12-D.Zn	
852-54010-84	SCREW SJ2830 M4X10-Y	
852-54010-84	SCREW SJ2830 M4X10-Y	
852-53006-81	SCREW SJ2830 M3X6-D.Zn	
852-53006-81	SCREW SJ2830 M3X6-D.Zn	
852-53006-81	SCREW SJ2830 M3X6-D.Zn	
852-53006-81	SCREW SJ2830 M3X6-D.Zn	
852-53006-81	SCREW SJ2830 M3X6-D.Zn	
852-53006-81	SCREW SJ2830 M3X6-D.Zn	
852-53006-81	SCREW SJ2830 M3X6-D.Zn	
852-53006-81	SCREW SJ2830 M3X6-D.Zn	
852-53006-81	SCREW SJ2830 M3X6-D.Zn	
852-53006-81	SCREW SJ2830 M3X6-D.Zn	
852-53006-81	SCREW SJ2830 M3X6-D.Zn	
852-53006-81	SCREW SJ2830 M3X6-D.Zn	
855-A0029-00	SCREW ST4X14	
855-A0029-00	SCREW ST4X14	

615-10481-00	LCD SCREEN HOLDER ASS'Y	
655-B1201-71	* (12-PINS) LEAD WITH HOUSING	
870-10156-00	BRACKET (LEFT)()	
870-10157-00	BRACKET (RIGHT)()	
870-30091-00	TOP LEADING TRACK	
870-30092-00	BOTTOM LEADING TRACK	
870-30093-00	TV BOARD BRACKET (A)	
870-30094-00	TV BOARD BRACKET (B)	
887-21163-P0	PE/PEARL COTTONPALSTIC BAG (1100X800)	
894-30030-11	WASHER GB97.1-85-3-140Hv-D.Zn	
894-40030-14	WASHER GB859-87 3 DZn	
655-TE301-06	(10-PINS) LEAD WITH HOUSING	
894-70030-11	WASHER GB862.1-87-3-DZn	
870-10207-00	BRACKET	
852-53006-81	SCREW SJ2830 M3X6-D.Zn	
803-10196-00	DIGITAL BOARD COVER BOARD 2	
852-53006-81	SCREW SJ2830 M3X6-D.Zn	
852-53006-81	SCREW SJ2830 M3X6-D.Zn	
742-30043-00	LINE TIE	
335-27001-00	DISPLAY SCREEN V270W1-L04 !	
780-T06WH-AF1A	BACK CABINET (GREY 05,SILK-SCREEN)	
780-T06W0-AD1	FRONT CABINET (PLATE SILVERY , SILK-SCREEN)	
863-81361-00	POLY FOAM (TOP)	
863-81362-00	POLY FOAM (BOTTOM)	
886-31492-00	CARTON BOX (BLANK)	
485-10136-00	POWER CORD LAP-31+730 WHITE 2m !	
838-30283-00	REED (A)	
838-30284-00	REED (B)	
838-30285-00	REED (C)	
851-43014-14	SCREW F(+)T3x14A-Y	
851-43014-14	SCREW F(+)T3x14A-Y	
665-D0002-510	VGA LINE XH-LCD-52	
742-30005-09	LINE TIE	
615-10482-00	WALL MOUNT BRACKET ASS'Y	
870-20955-AF0	POWER SOCKET BRACKET (GREY 05)	
886-31021-00	ACCESSORY BOX (15L)	
859-11302-00	INVERTER PIECE SHIELD COVER	
665-D0002-158	CONNECTION LINE AV-SP2XLS	
665-D0002-421	VIDEO LINE BLUE GREEN RED	
665-D0002-422	VIDEO LINE YELLOW WHITE RED	
665-D0002-423	AUDIO LINE XH-3.5-RCA-2000	
665-D0002-499	* VIDEO LINE 2 -PINS2MRED WHITE	
857-10002-09	COTTON FLANNEL	
857-10002-09	COTTON FLANNEL	
857-10004-00	COTTON FLANNEL	
857-10004-00	COTTON FLANNEL	
857-10004-00	COTTON FLANNEL	
857-10004-00	COTTON FLANNEL	
887-20047-01	ACCESSORY PALSTIC BAG	
681-40002	CERTIFICATE LABEL	
808-20296-232A	BOARD (2HSILK-SCREEN ,)	
881-62875-80A	BACK PLATE LABEL (FPE2705,AUDIOVOX)	
887-20047-01A	ACCESSORY PALSTIC BAG ()	
780-T06WHJAF1B	BACK CABINET (GREY 05,SILK-SCREEN)	
886-31492-47B	CARTON BOX (FPE2705,AUDIOVOX)	

780-T06W0J0G0	FRONT CABINET (SILVER WHITE 06,ABS V0)	
863-81117-00C	POLY FOAM (EPETOP LEFT)	
863-81118-00C	POLY FOAM (EPETOP RIGHT)	
863-81119-00C	POLY FOAM (EPEBOTTOM LEFT)	
863-81120-00C	POLY FOAM (EPE RIGHT BOTTOM)	
488-10012-00	BATTERY 7#(made in china	
604-L27K67-03	OWNER'S MANUAL(AUDIOVOX,CMO)	
881-80611-00	REGISTER CARD (AUDIOVOX)	
881-80612-00A	WRRANTY (AUDIOVOX)	
881-80684-00	WALL MOUNT GUIDE	
485-10144-00	POWER CORD LAP-31+LAS-13 !	
667-L27K6-05	**KEY BOARD ASS'Y**	
360-10001-00	TACT SWITCH KFC-A06-4X4.5X5B	S1
360-10001-00	TACT SWITCH KFC-A06-4X4.5X5B	S2
360-10001-00	TACT SWITCH KFC-A06-4X4.5X5B	S3
360-10001-00	TACT SWITCH KFC-A06-4X4.5X5B	S4
360-10001-00	TACT SWITCH KFC-A06-4X4.5X5B	S5
360-10001-00	TACT SWITCH KFC-A06-4X4.5X5B	S6
360-10001-00	TACT SWITCH KFC-A06-4X4.5X5B	S7
782-L27K6-0500	BUTTON PCB	
877-60621-00A	BUTTON	
877-60624-0T0	BUTTON COVER (PLATE SILVERY WHITE)	
364-38186-00	8-PINS CONNECTORS JC10-8AW	
655-81201-62	(8-PINS) LEAD WITH HOUSING	
667-L27K6-09	**IR RECEIVE ASS'Y**	
340-10113-20	LED HFT503MPBR-1	LED1
352-51170-00	IC HRM538BB5117 (D)	N1
464-6D710-M0	ELECTROLYTIC CAPACITOR CD110-16V-100uF-M	CK1
455-12110-H0	SMD RESISTOR FTR0603101JR	RK3
455-12310-H0	SMD RESISTOR FTR0603103JR	RK2
456-1410K-B1	SMD CAPACITOR C1608X7R1C104KT	CK2
782-L27K6-0900	IR RECEIVE PCB	
455-12110-H0	SMD RESISTOR FTR0603101JR	RK1
455-12147-H0	SMD RESISTOR FTR0603471JR	RK4
364-35186-00	5-PINS CONNECTORS TJC10-5AW	XK1
655-5A501-12	(5-PINS) LEAD WITH HOUSING	
667-L27K6-15	**SOUND SWITCH BOARD ASS'Y**	
667-L27K6-15\	SOUND SWITCH BOARD ASS'Y (MANUAL INSERTION)	
329-61805-00	CRYSTAL HC-49U 18.432MHZ	G201
340-00001-003	DIODE 1N4148	D201
340-00001-003	DIODE 1N4148	D211
462-B0447-H02	POLYESTER CAPACITOR CL21X-50V-0.47uF-J	C377
462-B0447-H02	POLYESTER CAPACITOR CL21X-50V-0.47uF-J	C378
340-00287-00	DIODE 1N5822	D202
464-6C722-M02	ELECTROLYTIC CAPACITOR CD110-10V-220uF-M	C214
464-6C722-M02	ELECTROLYTIC CAPACITOR CD110-10V-220uF-M	C217
464-6C722-M02	ELECTROLYTIC CAPACITOR CD110-10V-220uF-M	C241
352-78090-90	IC TA78L09 (D)	N209
364-0R002-00	SOCKET 134-36TR	X212
364-34101-00	4-PINS CONNECTORS TJC3-04A	X212
364-34101-00	4-PINS CONNECTORS TJC3-04A	X211
364-38101-00	8-PINS CONNECTORS TJC3-08A	X201
364-38101-00	8-PINS CONNECTORS TJC3-08A	X204

364-3D101-00	10-PINS CONNECTORS TJC3-10A	X213
464-6D522-M02	ELECTROLYTIC CAPACITOR CD110-16V-2.2uF-M	C245
464-6D522-M02	ELECTROLYTIC CAPACITOR CD110-16V-2.2uF-M	C247
464-6D610-M02	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C238
464-6D610-M02	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C237
464-6D610-M02	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C215
464-6D610-M02	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C246
464-6D610-M02	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C343
464-6D610-M02	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C344
464-6D647-M02	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C318
464-6D722-M02	ELECTROLYTIC CAPACITOR CD110-16V-220uF-M	C338
464-6D722-M02	ELECTROLYTIC CAPACITOR CD110-16V-220uF-M	C339
464-6D722-M02	ELECTROLYTIC CAPACITOR CD110-16V-220uF-M	C265
464-6D747-M02	ELECTROLYTIC CAPACITOR CD110-16V-470uF-M	C329
464-6F647-M02	ELECTROLYTIC CAPACITOR CD110-35V-47uF-M	C352
464-6F722-M02	ELECTROLYTIC CAPACITOR CD110-35V-220uF-M	C287
464-60510-M02	ELECTROLYTIC CAPACITOR CD110-50V-1uF-M	C361
464-60510-M02	ELECTROLYTIC CAPACITOR CD110-50V-1uF-M	C362
464-60533-M02	ELECTROLYTIC CAPACITOR CD110-50V-3.3uF-M	C228
464-6F747-M1	ELECTROLYTIC CAPACITOR CD110-35V-470uF-M	C317
464-6F747-M1	ELECTROLYTIC CAPACITOR CD110-35V-470uF-M	C321
464-6F747-M1	ELECTROLYTIC CAPACITOR CD110-35V-470uF-M	C332
464-6F747-M1	ELECTROLYTIC CAPACITOR CD110-35V-470uF-M	C371
464-6F747-M1	ELECTROLYTIC CAPACITOR CD110-35V-470uF-M	C372
467-1D039-H03	CARBON RESISTOR RT14-1/4W-39Ω-J	R297
464-DF810-M1	ELECTROLYTIC CAPACITOR CD110H-35V-1000uF-M	C379
464-DF810-M1	ELECTROLYTIC CAPACITOR CD110H-35V-1000uF-M	C380
464-DF810-M1	ELECTROLYTIC CAPACITOR CD110H-35V-1000uF-M	C296
464-DF810-M1	ELECTROLYTIC CAPACITOR CD110H-35V-1000uF-M	C385
467-6FB01-H0	WIRE ROUND RESISTOR RX21-1W-0.01Ω-J	R282
477-40242-00	FIXED COIL DASL983BN-1003	L240
477-40242-00	FIXED COIL DASL983BN-1003	L241
471-2068K-10	PEAKING COIL LGA0410-68uH-K	L213
666-13501-0G	FERRITE BEAD 3.5X1X6	L219
666-13501-0G	FERRITE BEAD 3.5X1X6	L222
477-40031-00	FIXED COIL LG750	L218
477-40230-00	FIXED COIL LH470-1	L221
859-11293-00	TV BOARD SHIELD COVER B(TOP)	
859-11294-00	TV BOARD SHIELD COVER B(BOTTOM)	
667-L27K6-15*	**SOUND SWITCH BOARD ASS'Y (SMD)**	
342-08470-90	SMD TRANSISTOR BC847AW	V206
342-08470-90	SMD TRANSISTOR BC847AW	V208
342-08570-90	SMD TRANSISTOR BC857 AW	V207
353-77200-10	SMD ICMPS7720DS	N213
353-77200-10	SMD ICMPS7720DS	N214
353-15010-50	SMD ICAP1501-50K5	N211
353-34200-10	SMD ICMSP3420G-B8-V3	N201
353-62494-20	*SMD ICM62494FP (M)	N203
455-12000-H0	SMD RESISTOR FTR0603000XR	R216*
455-12000-H0	SMD RESISTOR FTR0603000XR	R255
455-12000-H0	SMD RESISTOR FTR0603000XR	R256
455-12110-H0	SMD RESISTOR FTR0603101JR	R214
455-12110-H0	SMD RESISTOR FTR0603101JR	R219
455-12110-H0	SMD RESISTOR FTR0603101JR	R220
455-12110-H0	SMD RESISTOR FTR0603101JR	R253

455-12110-H0	SMD RESISTOR FTR0603101JR	R254
455-12110-H0	SMD RESISTOR FTR0603101JR	R240
455-12110-H0	SMD RESISTOR FTR0603101JR	R244
455-12110-H0	SMD RESISTOR FTR0603101JR	R238
455-12110-H0	SMD RESISTOR FTR0603101JR	R239
455-12110-H0	SMD RESISTOR FTR0603101JR	R236
455-12110-H0	SMD RESISTOR FTR0603101JR	R235
455-12110-H0	SMD RESISTOR FTR0603101JR	R224
455-12220-H0	SMD RESISTOR FTR0603202JR	R243
455-12230-H0	SMD RESISTOR FTR0603302JR	R252
455-12239-H0	SMD RESISTOR FTR0603392JR	R248
455-12247-H0	SMD RESISTOR FTR0603472JR	R274
455-12247-H0	SMD RESISTOR FTR0603472JR	R328
455-12247-H0	SMD RESISTOR FTR0603472JR	R329
455-12310-H0	SMD RESISTOR FTR0603103JR	R217
455-12310-H0	SMD RESISTOR FTR0603103JR	R317
455-12310-H0	SMD RESISTOR FTR0603103JR	R318
455-12310-H0	SMD RESISTOR FTR0603103JR	R262
455-12310-H0	SMD RESISTOR FTR0603103JR	R265
455-12310-H0	SMD RESISTOR FTR0603103JR	R272
455-12310-H0	SMD RESISTOR FTR0603103JR	R352
455-12310-H0	SMD RESISTOR FTR0603103JR	R353
455-12310-H0	SMD RESISTOR FTR0603103JR	R338
455-12310-H0	SMD RESISTOR FTR0603103JR	R339
455-12310-H0	SMD RESISTOR FTR0603103JR	R354
455-12310-H0	SMD RESISTOR FTR0603103JR	R355
455-12310-H0	SMD RESISTOR FTR0603103JR	R356
455-12310-H0	SMD RESISTOR FTR0603103JR	R357
455-12310-H0	SMD RESISTOR FTR0603103JR	R362
455-12310-H0	SMD RESISTOR FTR0603103JR	R363
455-12310-H0	SMD RESISTOR FTR0603103JR	R364
455-12382-H0	SMD RESISTOR FTR0603823JR	R340
455-12382-H0	SMD RESISTOR FTR0603823JR	R341
455-12410-H0	SMD RESISTOR FTR0603104JR	R336
455-12410-H0	SMD RESISTOR FTR0603104JR	R337
455-12410-H0	SMD RESISTOR FTR0603104JR	R342
455-12410-H0	SMD RESISTOR FTR0603104JR	R343
455-12410-H0	SMD RESISTOR FTR0603104JR	R344
455-12410-H0	SMD RESISTOR FTR0603104JR	R345
455-22110-H0	SMD RESISTOR RC11-1/8W-100-J	R271
456-3022H-11	SMD CAPACITOR C1608CH1H220JT	C365
456-3022H-11	SMD CAPACITOR C1608CH1H220JT	C366
456-2310R-C1	SMD CAPACITOR 06032E103Z250BA	C251
456-2310R-C1	SMD CAPACITOR 06032E103Z250BA	C254
456-2310R-C1	SMD CAPACITOR 06032E103Z250BA	C257
456-2310R-C1	SMD CAPACITOR 06032E103Z250BA	C286
456-2322R-C1	SMD CAPACITOR 06032E223Z250BA	C261
456-2410M-C1	SMD CAPACITOR 06032E104M250BA	C229
456-2410M-C1	SMD CAPACITOR 06032E104M250BA	C330
456-2410M-C1	SMD CAPACITOR 06032E104M250BA	C319
456-2410M-C1	SMD CAPACITOR 06032E104M250BA	C341
456-2410M-C1	SMD CAPACITOR 06032E104M250BA	C320
456-2410M-C1	SMD CAPACITOR 06032E104M250BA	C342
456-2410M-C1	SMD CAPACITOR 06032E104M250BA	C316
456-2410M-C1	SMD CAPACITOR 06032E104M250BA	C267
456-2410M-C1	SMD CAPACITOR 06032E104M250BA	C335

456-2410M-C1	SMD CAPACITOR 06032E104M250BA	C334
456-2410M-C1	SMD CAPACITOR 06032E104M250BA	C340
456-2410M-C1	SMD CAPACITOR 06032E104M250BA	C216
456-2410M-C1	SMD CAPACITOR 06032E104M250BA	C250
456-2422M-C1	SMD CAPACITOR 06032E224M250BA	C258
456-2447R-C1	SMD CAPACITOR 06032E474Z250BA	C218
456-2447R-C1	SMD CAPACITOR 06032E474Z250BA	C219
456-2447R-C1	SMD CAPACITOR 06032E474Z250BA	C222
456-2447R-C1	SMD CAPACITOR 06032E474Z250BA	C223
456-2447R-C1	SMD CAPACITOR 06032E474Z250BA	C226
456-2447R-C1	SMD CAPACITOR 06032E474Z250BA	C227
456-2447R-C1	SMD CAPACITOR 06032E474Z250BA	C231
456-2447R-C1	SMD CAPACITOR 06032E474Z250BA	C232
456-2482R-C1	SMD CAPACITOR 06032E824Z250BA	C260
456-3056H-11	SMD CAPACITOR 0603CG560J500BA	C210
456-3056H-11	SMD CAPACITOR 0603CG560J500BA	C211
456-3122H-11	SMD CAPACITOR 0603CG221J500BA	C221
456-3147H-11	SMD CAPACITOR 0603CG471J500BA	C212
456-3147H-11	SMD CAPACITOR 0603CG471J500BA	C242
456-3147H-11	SMD CAPACITOR 0603CG471J500BA	C353
456-3147H-11	SMD CAPACITOR 0603CG471J500BA	C262
456-3147H-11	SMD CAPACITOR 0603CG471J500BA	C259
456-2210H-11	SMD CAPACITOR 0603CG102J250BA	C236
456-2210H-11	SMD CAPACITOR 0603CG102J250BA	C239
456-2210H-11	SMD CAPACITOR 0603CG102J250BA	C234
456-2210H-11	SMD CAPACITOR 0603CG102J250BA	C230
456-2215K-B1	SMD CAPACITOR 06032R152K250BA	C240
456-2215K-B1	SMD CAPACITOR 06032R152K250BA	C220
456-2215K-B1	SMD CAPACITOR 06032R152K250BA	C213
456-2247K-B1	SMD CAPACITOR 06032R472K250BA	C255
456-3018H-11	SMD CAPACITOR 0603CG180J500BA	C208
456-3018H-11	SMD CAPACITOR 0603CG180J500BA	C209
456-3247K-B2	SMD CAPACITOR C2012X7R1H472KT	C369
456-3247K-B2	SMD CAPACITOR C2012X7R1H472KT	C370
456-3410K-B2	SMD CAPACITOR C2012X7R1H104KT	C375
456-3410K-B2	SMD CAPACITOR C2012X7R1H104KT	C376
456-2522K-B3	SMD CAPACITOR C3216X7R1E225K	C367
456-2522K-B3	SMD CAPACITOR C3216X7R1E225K	C368
456-3510K-B3	SMD CAPACITOR C3216X7R1H105K	C373
456-3510K-B3	SMD CAPACITOR C3216X7R1H105K	C374
666-13208-00	SMD FERRITE BEAD STBH3216-301PT	L203
666-13208-00	SMD FERRITE BEAD STBH3216-301PT	L204
666-13208-00	SMD FERRITE BEAD STBH3216-301PT	L208
782-L27K6-150F	SOUND SWITCH BOARD PCB	
455-12215-H0	SMD RESISTOR FTR0603152JR	R251
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	L242
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	L243
455-22010-H0	SMD RESISTOR RC11-1/8W-10-J	R358
455-22010-H0	SMD RESISTOR RC11-1/8W-10-J	R359
456-3139H-12	SMD CAPACITOR C2012CH1H391JT	C381
456-3139H-12	SMD CAPACITOR C2012CH1H391JT	C382
340-00362-00	SMD DIODE MBRST130LT3	D207
340-00362-00	SMD DIODE MBRST130LT3	D208
340-00362-00	SMD DIODE MBRST130LT3	D209
340-00362-00	SMD DIODE MBRST130LT3	D210
340-50625-00	SMD ZENER DIODE BZV55-C6V2	D203

340-50625-00	SMD ZENER DIODE BZV55-C6V2	D204
455-12210-H0	SMD RESISTOR FTR0603102JR	R365
667-L27K6-40	**VIDEO PROCESSING CIRCUIT BOARD ASS'Y**	
667-L27K6-40\	VIDEO PROCESSING CIRCUIT BOARD ASS'Y (MANUAL INSERTION)	
352-21420-00	IC TLE2142 CP (D)	N212
364-11212-00	EARPHONE JACK ST-112	X210
364-91202-00	S-VIDEO TERMINAL CKX5-2K-2	X206
364-93219-00	AV JACK AV3-14WKD	X205
364-93219-00	AV JACK AV3-14WKD	X209
364-93219-00	AV JACK AV3-14WKD	X207
464-6C722-M02	ELECTROLYTIC CAPACITOR CD110-10V-220uF-M	C201
464-6C722-M02	ELECTROLYTIC CAPACITOR CD110-10V-220uF-M	C204
464-6D610-M02	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C266
464-6D610-M02	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C270
464-6D647-M02	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C336
464-6D647-M02	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C337
464-6D710-M02	ELECTROLYTIC CAPACITOR CD110-16V-100uF-M	C264
464-6D722-M02	ELECTROLYTIC CAPACITOR CD110-16V-220uF-M	C274
464-60510-M02	ELECTROLYTIC CAPACITOR CD110-50V-1uF-M	C271
464-60510-M02	ELECTROLYTIC CAPACITOR CD110-50V-1uF-M	C272
471-1056H-00	PEAKING COIL EL0606SKI-560J	L201
471-1056H-00	PEAKING COIL EL0606SKI-560J	L202
471-2056H-60	PEAKING COIL LGA0307-56uH-J	L214
590-40716-00	TUNER JS-6AM/134 !	TUNER20
665-N0300-00	COAXIAL CABLE CSYV-2B-300	
851-13012-11	SCREW P(+) T3X12A-DZn	
851-13012-11	SCREW P(+) T3X12A-DZn	
804-20367-00	TV BOARD BAFFLE	
859-11297-00	TV BOARD SHIELD COVER A(TOP)	
859-11298-00	TV BOARD SHIELD COVER A(BOTTOM)	
666-12301-00	FERRITE BEAD TY23X13.5X6	
364-41207-00	ANTENNA SOCKET HR-F	
857-10004-00	COTTON FLANNEL	
857-10004-00	COTTON FLANNEL	
667-L27K6-40*	VIDEO PROCESSING CIRCUIT BOARD ASS'Y (SMD)	
455-12000-H0	SMD RESISTOR FTR0603000XR	R336
455-12000-H0	SMD RESISTOR FTR0603000XR	R208
455-12000-H0	SMD RESISTOR FTR0603000XR	R209
455-12068-H0	SMD RESISTOR FTR0603680JR	R316
455-12000-H0	SMD RESISTOR FTR0603000XR	R302
455-12000-H0	SMD RESISTOR FTR0603000XR	R303
455-12000-H0	SMD RESISTOR FTR0603000XR	R304
455-12000-H0	SMD RESISTOR FTR0603000XR	R305
455-12310-H0	SMD RESISTOR FTR0603103JR	R310
455-12310-H0	SMD RESISTOR FTR0603103JR	R311
455-12310-H0	SMD RESISTOR FTR0603103JR	R312
455-12310-H0	SMD RESISTOR FTR0603103JR	R313
455-12347-H0	SMD RESISTOR FTR0603473JR	R222
455-12347-H0	SMD RESISTOR FTR0603473JR	R223
455-12347-H0	SMD RESISTOR FTR0603473JR	R233
455-12347-H0	SMD RESISTOR FTR0603473JR	R234
456-2210H-11	SMD CAPACITOR 0603CG102J250BA	C243
456-2210H-11	SMD CAPACITOR 0603CG102J250BA	C235
456-2210H-11	SMD CAPACITOR 0603CG102J250BA	C224

456-2210H-11	SMD CAPACITOR 0603CG102J250BA	C225
456-2210H-11	SMD CAPACITOR 0603CG102J250BA	C268
456-2210H-11	SMD CAPACITOR 0603CG102J250BA	C269
456-2210H-11	SMD CAPACITOR 0603CG102J250BA	C275
456-2210H-11	SMD CAPACITOR 0603CG102J250BA	C273
456-2410M-C1	SMD CAPACITOR 06032E104M250BA	C205
456-2410M-C1	SMD CAPACITOR 06032E104M250BA	C203
456-2410M-C1	SMD CAPACITOR 06032E104M250BA	C276
666-12007-00	SMD FERRITE BEAD STBH2012-221PT	L205
666-12007-00	SMD FERRITE BEAD STBH2012-221PT	L206
666-12007-00	SMD FERRITE BEAD STBH2012-221PT	L207
666-12007-00	SMD FERRITE BEAD STBH2012-221PT	L209
666-12007-00	SMD FERRITE BEAD STBH2012-221PT	L211
666-12007-00	SMD FERRITE BEAD STBH2012-221PT	L212
666-12007-00	SMD FERRITE BEAD STBH2012-221PT	L225
666-12007-00	SMD FERRITE BEAD STBH2012-221PT	L226
666-12007-00	SMD FERRITE BEAD STBH2012-221PT	L231
666-12007-00	SMD FERRITE BEAD STBH2012-221PT	L234
666-12007-00	SMD FERRITE BEAD STBH2012-221PT	L240
666-12012-00	SMD FERRITE BEAD BG2012B300T	L236
666-12012-00	SMD FERRITE BEAD BG2012B300T	L237
782-L27K6-400D	VIDEO PROCESSING CIRCUIT PCB	
340-00001-0S	SMD DIODE LL4148	D1
340-00001-0S	SMD DIODE LL4148	D2
340-00001-0S	SMD DIODE LL4148	D3
340-00001-0S	SMD DIODE LL4148	D4
667-L27K62-56	**CPU BOARD ASS'Y**	
667-L27K62-56\	CPU BOARD ASS'Y (MANUAL INSERTION)	
\ 464-6D647-M0	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C464
\ 667-L27K6-56\	CPU BOARD ASS'Y (MANUAL INSERTION)	
329-61304-00	CRYSTAL HC-49S 13.5MHz	X2
329-61402-00	CRYSTAL HC-49/US 14.31818MHZ	X1
329-62001-00	CRYSTAL CAST5 20.25MHZ	X3
340-00287-00	DIODE 1N5822	D12
340-00287-00	DIODE 1N5822	D13
340-00287-00	DIODE 1N5822	D22
464-6C747-M0	ELECTROLYTIC CAPACITOR CD110-10V-470uF-M	C407
464-6C810-M0	ELECTROLYTIC CAPACITOR CD110-10V-1000uF-M	C197
464-6C810-M0	ELECTROLYTIC CAPACITOR CD110-10V-1000uF-M	C418
364-94206-00	AV JACK HJR-413/PB-1	P35
364-96221-00	AV JACK HJR-613/PB-1	P34
364-49217-00	DVI SOCKET DVI34-24+5SFW	P7
364-11212-00	EARPHONE JACK ST-112	P25
364-11212-00	EARPHONE JACK ST-112	P24
364-34101-00	4-PINS CONNECTORS TJC3-04A	P2
364-34101-00	4-PINS CONNECTORS TJC3-04A	X4
364-03205-00	IC SOCKET 32T6	U4
364-38101-00	8-PINS CONNECTORS TJC3-08A	P11
364-38101-00	8-PINS CONNECTORS TJC3-08A	P37
364-38104-00	8-PINS CONNECTORS TJC3-08AWT	P3
364-3B186-00	12-PINS CONNECTORS TJC10-12AW	P29
364-3D101-00	10-PINS CONNECTORS TJC3-10A	P32
364-3B186-00	12-PINS CONNECTORS TJC10-12AW	P50
364-91227-00	VGA SOCKET SCREW	P5
464-6D547-M0	ELECTROLYTIC CAPACITOR CD110-16V-4.7uF-M	C31

464-6D547-M0	ELECTROLYTIC CAPACITOR CD110-16V-4.7uF-M	C400
464-6D547-M0	ELECTROLYTIC CAPACITOR CD110-16V-4.7uF-M	C402
364-38186-00	8-PINS CONNECTORS JC10-8AW	P40
364-35186-00	5-PINS CONNECTORS TJC10-5AW	P39
464-6D610-M0	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C28
464-6D610-M0	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C71
464-6D610-M0	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C70
464-6D610-M0	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C113
464-6D610-M0	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C105
464-6D610-M0	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C95
464-6D610-M0	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C73
464-6D610-M0	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C114
464-6D610-M0	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C116
464-6D610-M0	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C403
464-6D610-M0	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C404
464-6D610-M0	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C405
464-6D610-M0	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C406
464-6D610-M0	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C260
464-6D610-M0	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C223
464-6D610-M0	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C261
464-6D610-M0	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C364
464-6D610-M0	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C365
464-6D610-M0	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C384
464-6D610-M0	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C385
464-6D610-M0	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C362
464-6D610-M0	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C363
464-6D610-M0	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C366
464-6D610-M0	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C301
464-6D622-M0	ELECTROLYTIC CAPACITOR CD110-16V-22uF-M	C386
464-6D622-M0	ELECTROLYTIC CAPACITOR CD110-16V-22uF-M	C412
464-6D622-M0	ELECTROLYTIC CAPACITOR CD110-16V-22uF-M	C302
464-6D622-M0	ELECTROLYTIC CAPACITOR CD110-16V-22uF-M	C415
464-6D622-M0	ELECTROLYTIC CAPACITOR CD110-16V-22uF-M	C416
464-6D622-M0	ELECTROLYTIC CAPACITOR CD110-16V-22uF-M	C417
464-6D633-M0	ELECTROLYTIC CAPACITOR CD110-16V-33uF-M	C330
464-6D647-M0	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C12
464-6D647-M0	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C220
464-6D647-M0	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C60
464-6D647-M0	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C167
464-6D647-M0	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C168
464-6D647-M0	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C392
464-6D647-M0	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C14
464-6D647-M0	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C212
464-6D647-M0	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C217
464-6D647-M0	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C213
464-6D647-M0	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C214
464-6D647-M0	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C378
464-6D647-M0	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C332
464-6D647-M0	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C333
464-6D647-M0	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C424
464-6D647-M0	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C425
464-6D647-M0	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C426
464-6D647-M0	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C427
464-6D647-M0	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C428
464-6D647-M0	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C429
464-6D710-M0	ELECTROLYTIC CAPACITOR CD110-16V-100uF-M	C210

464-6D810-M0	ELECTROLYTIC CAPACITOR CD110-16V-1000uF-M	C200
464-6F747-M1	ELECTROLYTIC CAPACITOR CD110-35V-470uF-M	C196
464-6F747-M1	ELECTROLYTIC CAPACITOR CD110-35V-470uF-M	C194
464-6F747-M1	ELECTROLYTIC CAPACITOR CD110-35V-470uF-M	C380
464-6F747-M1	ELECTROLYTIC CAPACITOR CD110-35V-470uF-M	C419
464-6F747-M1	ELECTROLYTIC CAPACITOR CD110-35V-470uF-M	C382
477-40230-00	FIXED COIL LH470-1	L9
477-40230-00	FIXED COIL LH470-1	L10
477-40230-00	FIXED COIL LH470-1	L27
569-02155-00	FUSE 20N030L-125V 3A !	F3
464-6D710-M0	ELECTROLYTIC CAPACITOR CD110-16V-100uF-M	C413
464-6D722-M0	ELECTROLYTIC CAPACITOR CD110-16V-220uF-M	C207
464-6D622-M0	ELECTROLYTIC CAPACITOR CD110-16V-22uF-M	C232
464-6D622-M0	ELECTROLYTIC CAPACITOR CD110-16V-22uF-M	C233
464-6D622-M0	ELECTROLYTIC CAPACITOR CD110-16V-22uF-M	C234
464-6D622-M0	ELECTROLYTIC CAPACITOR CD110-16V-22uF-M	C248
851-43012-14	SCREW F(+)T3x12A-Y	
851-43012-14	SCREW F(+)T3x12A-Y	
615-10361-00	DIGITAL BOARD SHIELD COVER ASS'Y	
808-1C753-AF0B	DIGITAL BOARD BAFFLE (GREY G05)	
855-A0053	HEXAGONAL SCREW M3X7	
852-43006-85	SCREW F(+)M3X6- BLACK	
852-43006-85	SCREW F(+)M3X6- BLACK	
852-23006-81	SCREW SJ2829 M3X6-D.Zn	
852-23006-81	SCREW SJ2829 M3X6-D.Zn	
859-11292-00	DIGITAL BOARD SHIELD COVER (BOTTOM)	
352-49002-70	IC AT49F002NT-70PC	U4
352-49002-70	IC AT49F002NT-70PC	
808-80263-01	ELECTRIC GASKET (13X18X18) ALUMINIUM FOIL	
855-A0053	HEXAGONAL SCREW M3X7	
667-L27K62-56*	CPU BOARD ASS'Y (SMD)	
* 667-L27K6-56*	CPU BOARD ASS'Y (SMD)	
342-01440-10	SMD TRANSISTOR DTC144EKA	Q1
342-01440-10	SMD TRANSISTOR DTC144EKA	Q7
342-01440-10	SMD TRANSISTOR DTC144EKA	Q8
342-08470-90	SMD TRANSISTOR BC847AW	Q14
342-08470-90	SMD TRANSISTOR BC847AW	Q151
342-08570-90	SMD TRANSISTOR BC857 AW	Q13
342-39040-00	SMD TRANSISTOR MMBT3904	Q5
342-39040-00	SMD TRANSISTOR MMBT3904	Q4
342-01380-00	*SMD TRANSISTOR BSS138LT1	V1
342-01380-00	*SMD TRANSISTOR BSS138LT1	V2
342-01380-00	*SMD TRANSISTOR BSS138LT1	Q11
342-01380-00	*SMD TRANSISTOR BSS138LT1	Q10
353-23100-00	SMD ICFLI2310BD	U13
353-00120-40	SMD IC ATTINY12L-4SC	U24
353-24210-50	SMD IC 24LC21A/SN	U10
353-24210-50	SMD IC 24LC21A/SN	U16
353-01390-10	*SMD IC SN74AHC139PW	U5
353-02320-30	SMD ICMT48LC2M32B2TG-6	U14
353-02320-30	SMD ICMT48LC2M32B2TG-6	U19
353-02320-30	SMD ICMT48LC2M32B2TG-6	U20
353-32570-10	SMD ICSN74CBT3257CDR	N2
353-03730-20	SMD IC SN74AHC373PWP (D)	U1
353-03740-10	SMD IC SN74AHC374PWP (D)	U9

353-00830-10	SMD ICTHC63LVDM83R	U31
353-05010-00	SMD ICTFP501 PZP	U15
353-08120-10	SMD IC IMP812JEUS-T (M)	U8
353-0JAG0-00	SMD ICJAG-ASM (D)	U12
353-11170-10	SMD IC B1117N-2.5 (D)	U26
353-11170-G0	SMD IC AMS1117-1.8 (D)	U37
353-24080-90	SMD IC M24C08-WMN6	N1
353-24160-60	*SMD IC 24LC16BSN	U3
353-25960-30	SMD ICLM2596S-3.3 (M)	U23
353-15010-50	SMD ICAP1501-50K5	U22
353-15010-50	SMD ICAP1501-50K5	N3
353-28300-60	SMD ICSPX1587AT-2.5	U25
353-32300-80	SMD IC VPC3230D (D)	U29
353-40520-80	SMD IC HEF4052BT (M)	U34
353-74140-30	SMD IC SN74AHC14PWP (D)	U7
353-74140-30	SMD IC SN74AHC14PWP (D)	U17
353-74320-40	SMD IC SN74AHC32PWP (D)	U6
353-80251-10	SMD ICTSC80251G2D-16CB (D)	U2
353-86229-10	*SMD ICZ8622912SSC (M)	U32
353-98830-30	SMD IC MST9883B-2-110	U30
353-99330-00	SMD IC SI9933ADY (O)	U21
455-10022-H9	SMD RESISTOR NCA4R220JR	RP9
455-10022-H9	SMD RESISTOR NCA4R220JR	RP11
455-10022-H9	SMD RESISTOR NCA4R220JR	RP13
455-10022-H9	SMD RESISTOR NCA4R220JR	RP12
455-10022-H9	SMD RESISTOR NCA4R220JR	RP10
455-10022-H9	SMD RESISTOR NCA4R220JR	RP17
455-10022-H9	SMD RESISTOR NCA4R220JR	RP19
455-10022-H9	SMD RESISTOR NCA4R220JR	RP21
455-10022-H9	SMD RESISTOR NCA4R220JR	RP18
455-10022-H9	SMD RESISTOR NCA4R220JR	RP20
455-10310-H9	SMD RESISTOR NCA4R103JR	RP43
455-10310-H9	SMD RESISTOR NCA4R103JR	RP42
455-12000-H0	SMD RESISTOR FTR0603000XR	J3
455-12000-H0	SMD RESISTOR FTR0603000XR	R306*
455-12000-H0	SMD RESISTOR FTR0603000XR	R21
455-12000-H0	SMD RESISTOR FTR0603000XR	R22
455-12000-H0	SMD RESISTOR FTR0603000XR	R23
455-12000-H0	SMD RESISTOR FTR0603000XR	R91
455-12000-H0	SMD RESISTOR FTR0603000XR	R89
455-12000-H0	SMD RESISTOR FTR0603000XR	R85
455-12000-H0	SMD RESISTOR FTR0603000XR	R92
455-12000-H0	SMD RESISTOR FTR0603000XR	R122
455-12000-H0	SMD RESISTOR FTR0603000XR	R123
455-12000-H0	SMD RESISTOR FTR0603000XR	R124
455-12000-H0	SMD RESISTOR FTR0603000XR	R301
455-12000-H0	SMD RESISTOR FTR0603000XR	R194
455-12000-H0	SMD RESISTOR FTR0603000XR	R197
455-12000-H0	SMD RESISTOR FTR0603000XR	R204
455-12000-H0	SMD RESISTOR FTR0603000XR	C368
455-12012-H0	SMD RESISTOR FTR0603120JR	R4
455-12012-H0	SMD RESISTOR FTR0603120JR	R5
455-12012-H0	SMD RESISTOR FTR0603120JR	R46
455-12012-H0	SMD RESISTOR FTR0603120JR	R47
455-12012-H0	SMD RESISTOR FTR0603120JR	R48
455-12012-H0	SMD RESISTOR FTR0603120JR	R45

455-12012-H0	SMD RESISTOR FTR0603120JR	R96
455-12012-H0	SMD RESISTOR FTR0603120JR	R97
455-12012-H0	SMD RESISTOR FTR0603120JR	R95
455-12022-H0	SMD RESISTOR FTR0603220JR	R6
455-12022-H0	SMD RESISTOR FTR0603220JR	R27
455-12022-H0	SMD RESISTOR FTR0603220JR	R43
455-12022-H0	SMD RESISTOR FTR0603220JR	R58
455-12022-H0	SMD RESISTOR FTR0603220JR	R64
455-12022-H0	SMD RESISTOR FTR0603220JR	R62
455-12022-H0	SMD RESISTOR FTR0603220JR	R165
455-12022-H0	SMD RESISTOR FTR0603220JR	R101
455-12022-H0	SMD RESISTOR FTR0603220JR	R68
455-12022-H0	SMD RESISTOR FTR0603220JR	R114
455-12022-H0	SMD RESISTOR FTR0603220JR	R115
455-12022-H0	SMD RESISTOR FTR0603220JR	R117
455-12022-H0	SMD RESISTOR FTR0603220JR	R116
455-12022-H0	SMD RESISTOR FTR0603220JR	R118
455-12022-H0	SMD RESISTOR FTR0603220JR	R109
455-12022-H0	SMD RESISTOR FTR0603220JR	R107
455-12022-H0	SMD RESISTOR FTR0603220JR	R106
455-12022-H0	SMD RESISTOR FTR0603220JR	R125
455-12022-H0	SMD RESISTOR FTR0603220JR	R169
455-12022-H0	SMD RESISTOR FTR0603220JR	R39
455-12022-H0	SMD RESISTOR FTR0603220JR	R32
455-12022-H0	SMD RESISTOR FTR0603220JR	R210
455-12022-H0	SMD RESISTOR FTR0603220JR	R143
455-12022-H0	SMD RESISTOR FTR0603220JR	R310
455-12022-H0	SMD RESISTOR FTR0603220JR	R311
455-12022-H0	SMD RESISTOR FTR0603220JR	R312
455-12075-F0	SMD RESISTOR FTM06030750FR	R13
455-12075-F0	SMD RESISTOR FTM06030750FR	R19
455-12075-F0	SMD RESISTOR FTM06030750FR	R16
455-12075-H0	SMD RESISTOR FTR0603750JR	R54
455-12075-H0	SMD RESISTOR FTR0603750JR	R55
455-12075-H0	SMD RESISTOR FTR0603750JR	R56
455-12075-H0	SMD RESISTOR FTR0603750JR	R307
455-12075-H0	SMD RESISTOR FTR0603750JR	R308
455-12075-H0	SMD RESISTOR FTR0603750JR	R309
455-12075-H0	SMD RESISTOR FTR0603750JR	R302
455-12075-H0	SMD RESISTOR FTR0603750JR	R303
455-12075-H0	SMD RESISTOR FTR0603750JR	R304
455-12075-H0	SMD RESISTOR FTR0603750JR	R305
455-12075-H0	SMD RESISTOR FTR0603750JR	R241
455-12075-H0	SMD RESISTOR FTR0603750JR	R242
455-12075-H0	SMD RESISTOR FTR0603750JR	R243
455-12075-H0	SMD RESISTOR FTR0603750JR	R214
455-12075-H0	SMD RESISTOR FTR0603750JR	R215
455-12075-H0	SMD RESISTOR FTR0603750JR	R217
455-12075-H0	SMD RESISTOR FTR0603750JR	R218
455-12082-H0	SMD RESISTOR FTR0603820JR	R207
455-12110-H0	SMD RESISTOR FTR0603101JR	R119
455-12110-H0	SMD RESISTOR FTR0603101JR	R111
455-12110-H0	SMD RESISTOR FTR0603101JR	R12
455-12110-H0	SMD RESISTOR FTR0603101JR	R14
455-12110-H0	SMD RESISTOR FTR0603101JR	R15
455-12110-H0	SMD RESISTOR FTR0603101JR	R17

455-12110-H0	SMD RESISTOR FTR0603101JR	R18
455-12110-H0	SMD RESISTOR FTR0603101JR	R199
455-12110-H0	SMD RESISTOR FTR0603101JR	R20
455-12110-H0	SMD RESISTOR FTR0603101JR	R36
455-12110-H0	SMD RESISTOR FTR0603101JR	R37
455-12110-H0	SMD RESISTOR FTR0603101JR	R38
455-12110-H0	SMD RESISTOR FTR0603101JR	R40
455-12110-H0	SMD RESISTOR FTR0603101JR	R42
455-12110-H0	SMD RESISTOR FTR0603101JR	R65
455-12110-H0	SMD RESISTOR FTR0603101JR	R66
455-12110-H0	SMD RESISTOR FTR0603101JR	R67
455-12110-H0	SMD RESISTOR FTR0603101JR	R69
455-12110-H0	SMD RESISTOR FTR0603101JR	R93
455-12110-H0	SMD RESISTOR FTR0603101JR	R98
455-12110-H0	SMD RESISTOR FTR0603101JR	R104
455-12110-H0	SMD RESISTOR FTR0603101JR	R102
455-12110-H0	SMD RESISTOR FTR0603101JR	R144
455-12110-H0	SMD RESISTOR FTR0603101JR	R150
455-12110-H0	SMD RESISTOR FTR0603101JR	R151
455-12110-H0	SMD RESISTOR FTR0603101JR	R152
455-12110-H0	SMD RESISTOR FTR0603101JR	R175
455-12110-H0	SMD RESISTOR FTR0603101JR	R176
455-12110-H0	SMD RESISTOR FTR0603101JR	R177
455-12110-H0	SMD RESISTOR FTR0603101JR	R231
455-12110-H0	SMD RESISTOR FTR0603101JR	R235
455-12110-H0	SMD RESISTOR FTR0603101JR	R236
455-12110-H0	SMD RESISTOR FTR0603101JR	R237
455-12110-H0	SMD RESISTOR FTR0603101JR	R171
455-12110-H0	SMD RESISTOR FTR0603101JR	R198
455-12012-H0	SMD RESISTOR FTR0603120JR	R44
455-12118-H0	SMD RESISTOR FTR0603181JR	R49
455-12143-H0	SMD RESISTOR FTR0603431JR	R209
455-12147-H0	SMD RESISTOR FTR0603471JR	R234
455-12156-H0	SMD RESISTOR FTR0603561JR	R24
455-12156-H0	SMD RESISTOR FTR0603561JR	R211
455-12210-H0	SMD RESISTOR FTR0603102JR	R11
455-12210-H0	SMD RESISTOR FTR0603102JR	R41
455-12210-H0	SMD RESISTOR FTR0603102JR	R74
455-12210-H0	SMD RESISTOR FTR0603102JR	R105
455-12210-H0	SMD RESISTOR FTR0603102JR	R131
455-12210-H0	SMD RESISTOR FTR0603102JR	R233
455-12210-H0	SMD RESISTOR FTR0603102JR	R232
455-12210-H0	SMD RESISTOR FTR0603102JR	R223
455-12210-H0	SMD RESISTOR FTR0603102JR	R224
455-12210-H0	SMD RESISTOR FTR0603102JR	R225
455-12210-H0	SMD RESISTOR FTR0603102JR	R226
455-12227-H0	SMD RESISTOR FTR0603272JR	R200
455-12239-H0	SMD RESISTOR FTR0603392JR	R30
455-12247-H0	SMD RESISTOR FTR0603472JR	R1
455-12247-H0	SMD RESISTOR FTR0603472JR	R2
455-12247-H0	SMD RESISTOR FTR0603472JR	R8
455-12247-H0	SMD RESISTOR FTR0603472JR	R7
455-12247-H0	SMD RESISTOR FTR0603472JR	R164
455-12247-H0	SMD RESISTOR FTR0603472JR	R33
455-12247-H0	SMD RESISTOR FTR0603472JR	R34
455-12247-H0	SMD RESISTOR FTR0603472JR	R168

455-12247-H0	SMD RESISTOR FTR0603472JR	R87
455-12247-H0	SMD RESISTOR FTR0603472JR	R88
455-12247-H0	SMD RESISTOR FTR0603472JR	R75
455-12247-H0	SMD RESISTOR FTR0603472JR	R153
455-12247-H0	SMD RESISTOR FTR0603472JR	R154
455-12247-H0	SMD RESISTOR FTR0603472JR	R155
455-12247-H0	SMD RESISTOR FTR0603472JR	R156
455-12247-H0	SMD RESISTOR FTR0603472JR	R201
455-12247-H0	SMD RESISTOR FTR0603472JR	R202
455-12247-H0	SMD RESISTOR FTR0603472JR	R227
455-12247-H0	SMD RESISTOR FTR0603472JR	R228
455-12247-H0	SMD RESISTOR FTR0603472JR	R229
455-12268-H0	SMD RESISTOR FTR0603682JR	R240
455-12275-H0	SMD RESISTOR FTR0603752JR	R29
455-12310-H0	SMD RESISTOR FTR0603103JR	R9
455-12310-H0	SMD RESISTOR FTR0603103JR	R35
455-12310-H0	SMD RESISTOR FTR0603103JR	R71
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455-12310-H0	SMD RESISTOR FTR0603103JR	R300
455-12310-H0	SMD RESISTOR FTR0603103JR	R108
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455-12310-H0	SMD RESISTOR FTR0603103JR	R126
455-12310-H0	SMD RESISTOR FTR0603103JR	R127
455-12310-H0	SMD RESISTOR FTR0603103JR	R132
455-12310-H0	SMD RESISTOR FTR0603103JR	R238
455-12310-H0	SMD RESISTOR FTR0603103JR	R212
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455-12310-H0	SMD RESISTOR FTR0603103JR	R262
455-12310-H0	SMD RESISTOR FTR0603103JR	R258
455-12310-H0	SMD RESISTOR FTR0603103JR	R266
455-12310-H0	SMD RESISTOR FTR0603103JR	R189
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455-12310-H0	SMD RESISTOR FTR0603103JR	R261
455-12310-H0	SMD RESISTOR FTR0603103JR	R315
455-12310-H0	SMD RESISTOR FTR0603103JR	R316
455-12312-H0	SMD RESISTOR FTR0603123JR	R213
455-12347-H0	SMD RESISTOR FTR0603473JR	R130
455-12347-H0	SMD RESISTOR FTR0603473JR	R99
455-12347-H0	SMD RESISTOR FTR0603473JR	R100
455-12347-H0	SMD RESISTOR FTR0603473JR	R294
455-12347-H0	SMD RESISTOR FTR0603473JR	R295
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455-12347-H0	SMD RESISTOR FTR0603473JR	R344
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455-12347-H0	SMD RESISTOR FTR0603473JR	R352
455-12347-H0	SMD RESISTOR FTR0603473JR	R353
455-12347-H0	SMD RESISTOR FTR0603473JR	R354

455-12410-H0	SMD RESISTOR FTR0603104JR	R31
455-12413-H0	SMD RESISTOR FTR0603134JR	R28
455-12418-H0	SMD RESISTOR FTR0603184JR	R25
455-12418-H0	SMD RESISTOR FTR0603184JR	R26
455-12447-H0	SMD RESISTOR FTR0603474JR	R50
455-22310-H0	SMD RESISTOR RC11-1/8W-10K-J	R239#
455-30022-H9	SMD RESISTOR NCA4R220JR	RP22
455-30022-H9	SMD RESISTOR NCA4R220JR	RP23
455-30022-H9	SMD RESISTOR NCA4R220JR	RP5
455-30022-H9	SMD RESISTOR NCA4R220JR	RP4
455-30022-H9	SMD RESISTOR NCA4R220JR	RP3
455-30022-H9	SMD RESISTOR NCA4R220JR	RP6
455-30022-H9	SMD RESISTOR NCA4R220JR	RP7
455-30022-H9	SMD RESISTOR NCA4R220JR	RP8
455-30022-H9	SMD RESISTOR NCA4R220JR	RP14
455-30022-H9	SMD RESISTOR NCA4R220JR	RP16
455-30022-H9	SMD RESISTOR NCA4R220JR	RP15
455-30022-H9	SMD RESISTOR NCA4R220JR	RP40
455-30022-H9	SMD RESISTOR NCA4R220JR	RP41
455-30022-H9	SMD RESISTOR NCA4R220JR	RP38
455-30022-H9	SMD RESISTOR NCA4R220JR	RP39
455-30022-H9	SMD RESISTOR NCA4R220JR	RP36
455-30022-H9	SMD RESISTOR NCA4R220JR	RP37
455-30022-H9	SMD RESISTOR NCA4R220JR	RP141
456-1510R-C1	SMD CAPACITOR C1608Y5V1C105ZT	C190
456-3007D-11	SMD CAPACITOR C1608CH1H070DT	C398
456-3033H-11	SMD CAPACITOR C1608CH1H330JT	C5
456-3033H-11	SMD CAPACITOR C1608CH1H330JT	C6
456-3033H-11	SMD CAPACITOR C1608CH1H330JT	C68
456-3033H-11	SMD CAPACITOR C1608CH1H330JT	C69
456-2310R-C1	SMD CAPACITOR 06032E103Z250BA	C401
456-2368K-B1	*SMD CAPACITOR 06032R683K250BA	C327
456-2368K-B1	*SMD CAPACITOR 06032R683K250BA	C247
456-2368K-B1	*SMD CAPACITOR 06032R683K250BA	C251
456-2368K-B1	*SMD CAPACITOR 06032R683K250BA	C253
456-2410M-C1	SMD CAPACITOR 06032E104M250BA	C155
456-2410M-C1	SMD CAPACITOR 06032E104M250BA	C156
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456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C10
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C8
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456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C119
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C120
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C122
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C123
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C121
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C129
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C130
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C137
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C138
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C135
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C136
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C133
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C132
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C131
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C134
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C142
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C143
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C144
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C139
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C140
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C141
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C148
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C147
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C149
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C146
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C152
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C153
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C154
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C151
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C393
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C310
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C259
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C222
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C238
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C326
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C324
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C329
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C244
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C278
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C279
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C280
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C281
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C282
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C283
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C284
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C285
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C286
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C287
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C288
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C289
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C290
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C291
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C292
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C293
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C294
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C295

456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C267
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C268
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C367
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C298
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C297
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C296
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C299
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C300
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C303
456-2422M-C1	SMD CAPACITOR 06032E224M250BA	C320
456-2422M-C1	SMD CAPACITOR 06032E224M250BA	C321
456-2422M-C1	SMD CAPACITOR 06032E224M250BA	C322
456-2422M-C1	SMD CAPACITOR 06032E224M250BA	C228
456-2422M-C1	SMD CAPACITOR 06032E224M250BA	C242
456-2422M-C1	SMD CAPACITOR 06032E224M250BA	C245
456-2468R-C1	SMD CAPACITOR 06032E684Z250BA	C319
456-2468R-C1	SMD CAPACITOR 06032E684Z250BA	C315
456-2468R-C1	SMD CAPACITOR 06032E684Z250BA	C318
456-2510R-C1	SMD CAPACITOR 06032E105Z250BA	C24
456-2510R-C1	SMD CAPACITOR 06032E105Z250BA	C26
456-2510R-C1	SMD CAPACITOR 06032E105Z250BA	C22
456-2510R-C1	SMD CAPACITOR 06032E105Z250BA	C46
456-2510R-C1	SMD CAPACITOR 06032E105Z250BA	C48
456-3007D-11	SMD CAPACITOR C1608CH1H070DT	C391
456-3010H-11	SMD CAPACITOR C1608CH1H100JT	C219
456-3110H-11	SMD CAPACITOR C1608CH1H101JT	C33
456-3110H-11	SMD CAPACITOR C1608CH1H101JT	C34
456-3110H-11	SMD CAPACITOR C1608CH1H101JT	C36
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	L35
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	L36
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	L37
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	L38
456-3139H-11	SMD CAPACITOR 0603CG391J500BA	C225
456-3139H-11	SMD CAPACITOR 0603CG391J500BA	C389
456-3139H-11	SMD CAPACITOR 0603CG391J500BA	C390
456-3156H-11	SMD CAPACITOR C1608CH1H561JT	C325
456-3210H-11	SMD CAPACITOR 0603CG102J500BA	C38
456-3210H-11	SMD CAPACITOR 0603CG102J500BA	C39
456-3210H-11	SMD CAPACITOR 0603CG102J500BA	C44
456-3210H-11	SMD CAPACITOR 0603CG102J500BA	C45
456-3210H-11	SMD CAPACITOR 0603CG102J500BA	C47
456-3210H-11	SMD CAPACITOR 0603CG102J500BA	C61
456-3210H-11	SMD CAPACITOR 0603CG102J500BA	C314
456-3210H-11	SMD CAPACITOR 0603CG102J500BA	C266
456-3215H-11	SMD CAPACITOR 0603CG152J500BA	C256
456-3215H-11	SMD CAPACITOR 0603CG152J500BA	C237
456-3215H-11	SMD CAPACITOR 0603CG152J500BA	C227
456-3215H-11	SMD CAPACITOR 0603CG152J500BA	C387
456-3215H-11	SMD CAPACITOR 0603CG152J500BA	C388
456-3282K-B1	SMD CAPACITOR 06032R822K500BA	C328
456-3282K-B1	SMD CAPACITOR 06032R822K500BA	C270
456-3310K-B1	SMD CAPACITOR 06032R103K500BA	C65
456-3310K-B1	SMD CAPACITOR 06032R103K500BA	C264
456-3310K-B1	SMD CAPACITOR 06032R103K500BA	C263
456-3310K-B1	SMD CAPACITOR 06032R103K500BA	C265
456-3347H-11	SMD CAPACITOR 0603CG473J500BA	C255

456-3347H-11	SMD CAPACITOR 0603CG473J500BA	C257
456-3347H-11	SMD CAPACITOR 0603CG473J500BA	C250
456-3382K-B1	SMD CAPACITOR 06032R823K500BA	C269
456-3A33C-11	SMD CAPACITOR 0603CG3R3C500BA	C23
456-3A33C-11	SMD CAPACITOR 0603CG3R3C500BA	C25
456-3A33C-11	SMD CAPACITOR 0603CG3R3C500BA	C27
456-3A33C-11	SMD CAPACITOR 0603CG3R3C500BA	C243
456-3A33C-11	SMD CAPACITOR 0603CG3R3C500BA	C246
329-61405-00	SMD CRYSTAL VCO 14.318M SS0-570	X01
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	L16
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	L17
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	L18
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	L19
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	L20
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	L21
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	L22
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	L23
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	L24
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	FB1
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	L1
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	FB5
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	FB54
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	FB31
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	FB53
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	FB52
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	FB36
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	FB34
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	FB56
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	FB73
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	FB72
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	FB46
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	FB70
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	FB71
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	FB45
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	FB68
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	FB69
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	FB42
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	FB43
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	FB44
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB47
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB20
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB21
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	L28
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	L29
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	L30
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	L2
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	L4
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	L3
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB6
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	L5
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB7
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB8
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB10
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	L6
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	L7
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	L8

666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB9
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB11
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB13
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB12
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	L25
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB14
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB15
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	L15
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	L14
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB16
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB75
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB74
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB76
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB24
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB27
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB25
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB26
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB28
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB35
477-90006-00	SMD FILTER LFA20-2A1E474M	Z1
477-90006-00	SMD FILTER LFA20-2A1E474M	Z2
477-90006-00	SMD FILTER LFA20-2A1E474M	Z3
782-L27K6-560G	CPU PCB	
364-T3001-00	SMD 30-PINSFF-A1255-WRS	P4
340-00289-00	SMD DIODE BAV99LT1	D3
340-00289-00	SMD DIODE BAV99LT1	D4
340-00289-00	SMD DIODE BAV99LT1	D2
340-00289-00	SMD DIODE BAV99LT1	D5
340-00289-00	SMD DIODE BAV99LT1	D6
340-00289-00	SMD DIODE BAV99LT1	D7
340-00289-00	SMD DIODE BAV99LT1	D8
340-00289-00	SMD DIODE BAV99LT1	D9
340-00289-00	SMD DIODE BAV99LT1	D18
340-00289-00	SMD DIODE BAV99LT1	D17
340-00289-00	SMD DIODE BAV99LT1	D16
340-00289-00	SMD DIODE BAV99LT1	D19
340-00289-00	SMD DIODE BAV99LT1	D20
340-00289-00	SMD DIODE BAV99LT1	D21
340-00372-00	SMD DIODE MMBD1204	D10
340-00372-00	SMD DIODE MMBD1204	D11
455-22147-H0	SMD RESISTOR RC11-1/8W-470-J	R314
455-22147-H0	SMD RESISTOR RC11-1/8W-470-J	R323
477-90005-00	SMD FILTER LFA20-2A1E224M	Z4
477-90005-00	SMD FILTER LFA20-2A1E224M	Z5
477-90005-00	SMD FILTER LFA20-2A1E224M	Z6
477-90005-00	SMD FILTER LFA20-2A1E224M	Z7
477-90005-00	SMD FILTER LFA20-2A1E224M	Z8
477-90005-00	SMD FILTER LFA20-2A1E224M	Z9
455-12027-H0	SMD RESISTOR FTR0603270JR	R321
455-12027-H0	SMD RESISTOR FTR0603270JR	R322
455-12175-H0	SMD RESISTOR FTR0603751JR	R230
455-10110-H9	SMD RESISTOR NCA4R101JR	RP28
455-10110-H9	SMD RESISTOR NCA4R101JR	RP29
455-10110-H9	SMD RESISTOR NCA4R101JR	RP30
455-10110-H9	SMD RESISTOR NCA4R101JR	RP31
455-10110-H9	SMD RESISTOR NCA4R101JR	RP32

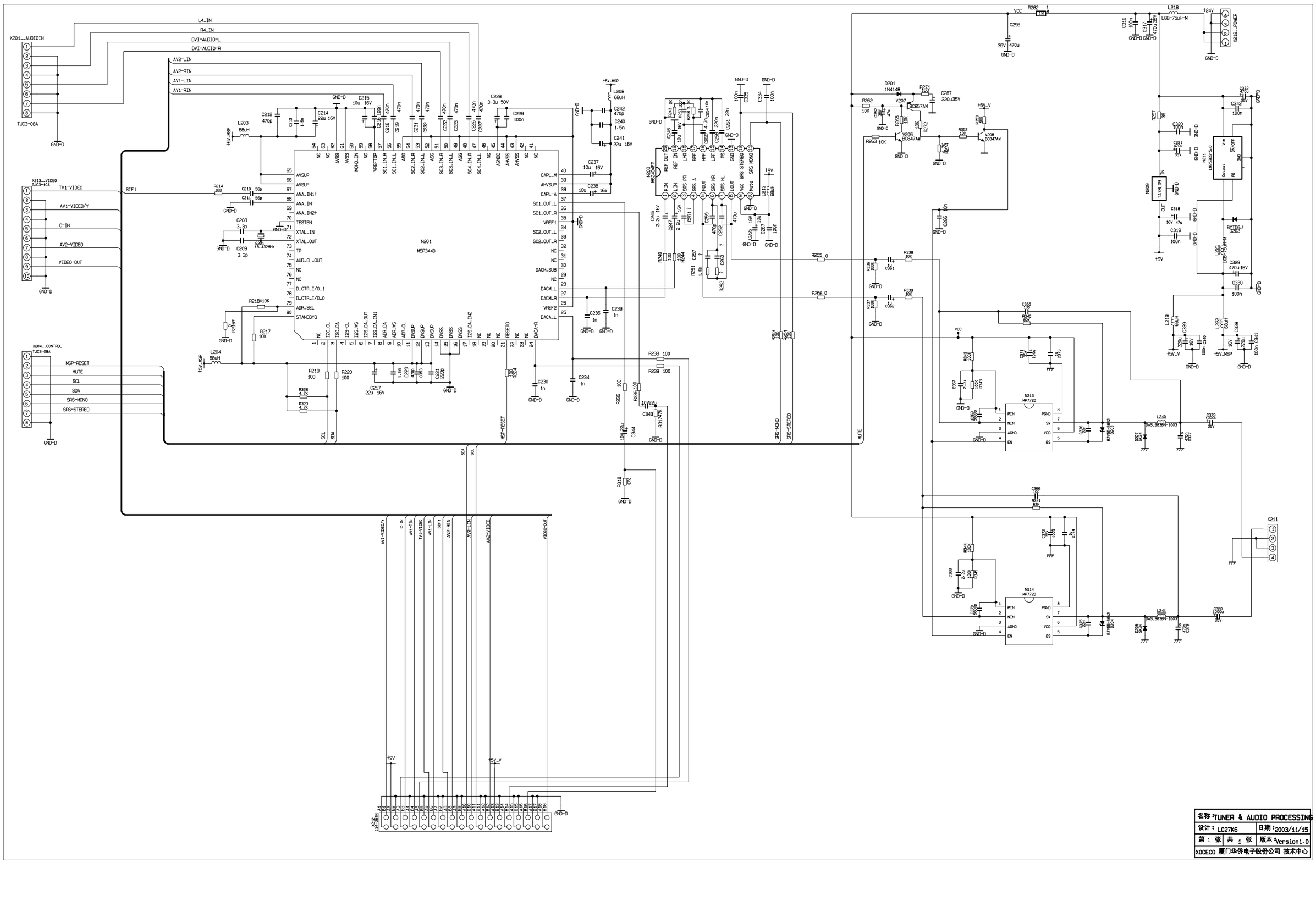
455-10110-H9	SMD RESISTOR NCA4R101JR	RP33
455-22000-H0	SMD RESISTOR RC11-1/8W-0-J	L33
455-22000-H0	SMD RESISTOR RC11-1/8W-0-J	L34
455-12122-H0	SMD RESISTOR FTR0603221JR	R3
455-12227-H0	SMD RESISTOR FTR0603272JR	R267
340-00001-0S	SMD DIODE LL4148	D23
340-00001-0S	SMD DIODE LL4148	D24
455-12000-H0	SMD RESISTOR FTR0603000XR	R355
455-10110-H9	SMD RESISTOR NCA4R101JR	RP34
455-12310-H0	SMD RESISTOR FTR0603103JR	R140
455-22000-H0	SMD RESISTOR RC11-1/8W-0-J	R320
456-2410M-C1	SMD CAPACITOR 06032E104M250BA	C453
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	L26
456-2022H-11	SMD CAPACITOR 0603CG220J250BA	C454
456-2022H-11	SMD CAPACITOR 0603CG220J250BA	C455
456-2022H-11	SMD CAPACITOR 0603CG220J250BA	C456
456-2022H-11	SMD CAPACITOR 0603CG220J250BA	C457
456-2022H-11	SMD CAPACITOR 0603CG220J250BA	C458
456-2022H-11	SMD CAPACITOR 0603CG220J250BA	C459
456-2022H-11	SMD CAPACITOR 0603CG220J250BA	C460
456-2022H-11	SMD CAPACITOR 0603CG220J250BA	C461
456-2022H-11	SMD CAPACITOR 0603CG220J250BA	C462
456-2022H-11	SMD CAPACITOR 0603CG220J250BA	C463
455-12215-H0	SMD RESISTOR FTR0603152JR	R270
455-12047-H0	SMD RESISTOR FTR0603470JR	R63
* 455-12000-H0	SMD RESISTOR FTR0603000XR	R385
* 340-00001-0S	SMD DIODE LL4148	D25
* 342-01380-00	*SMD TRANSISTOR BSS138LT1	V7
* 342-08470-90	SMD TRANSISTOR BC847AW	V8
* 455-12310-H0	SMD RESISTOR FTR0603103JR	R380
* 455-12310-H0	SMD RESISTOR FTR0603103JR	R383
* 455-12310-H0	SMD RESISTOR FTR0603103JR	R384
* 455-12422-H0	SMD RESISTOR FTR0603224JR	R381
* 455-12430-H0	SMD RESISTOR FTR0603304JR	R382
* 455-12268-H0	SMD RESISTOR FTR0603682JR	R356
* 353-00120-40	SMD IC ATTINY12L-4SC	U24
* 782-L27K6-560H	CPU PCB	
667-L27M6-20	POWER PCB ASS'Y	
667-L27M6-20\	POWER PCB ASS'Y (MANUAL INSERTION)	
364-23207-00	AC HOLDER HF-301POWER SOCKET	
655-33901-11	(3-PINS) LEAD WITH HOUSING	X901
644-10184-05	IMITATEUL1015 18# 100mm YELLOW／GREEN	
340-00168-00	DIODE UF4007	D907
340-00168-00	DIODE UF4007	D912
340-00270-00	DIODE 1N5819	D908
340-00345-00	DIODE P6KE200A	D906
340-00376-00	DIODE MUR860	D903
340-00378-00	DIODE MBR20200CT	D913
340-00378-00	DIODE MBR20200CT	D914
340-80028-00	*RECTIFIER U8KBA80R	D904
343-00600-60	TRANSISTOR SPP11N60C3	V906
343-00600-60	TRANSISTOR SPP11N60C3	V907
352-04310-104	IC KA431AZ (M)	N906
352-02640-00	IC TNY264 (M)	N903

352-08170-50	IC H11A817C (D)	N902
364-77511-00	FUSE HOLDER	FU901
364-77511-00	FUSE HOLDER	
459-2410R-00	CERAMIC CAPACITOR DD308-63F104Z50	C930
459-5122K-00	CERAMIC CAPACITOR RQC05B221K-H46CA	C911
459-6247K-00	CERAMIC CAPACITOR DE1205B472K1K	C938
459-6210K-00	CERAMIC CAPACITOR DE0705B102K1K	C917
459-6210K-00	CERAMIC CAPACITOR DE0705B102K1K	C915
459-6310R-00	CERAMIC CAPACITOR DE1510E103Z1K	C919
459-6310R-00	CERAMIC CAPACITOR DE1510E103Z1K	C934
464-DF810-M1	ELECTROLYTIC CAPACITOR CD110H-35V-1000uF-M	C939
464-DF810-M1	ELECTROLYTIC CAPACITOR CD110H-35V-1000uF-M	C940
459-B233M-70	CERAMIC CAPACITOR ECKDNS332ME !	C936
462-2B433-K0V	POLYESTER CAPACITOR MKP62-275V-0.33uF-K !	C902
464-D8547-M0B	ELECTROLYTIC CAPACITOR CD263-450V-4.7uF-M	C920
464-D8715-M0G	ELECTROLYTIC CAPACITOR KXW450V-150uF-M	C922
464-DE647-M0	ELECTROLYTIC CAPACITOR CD110H-25V-47uF-M	C928
464-DE647-M0	ELECTROLYTIC CAPACITOR CD110H-25V-47uF-M	C909
464-DE647-M0	ELECTROLYTIC CAPACITOR CD110H-25V-47uF-M	C932
464-DF722-M0	ELECTROLYTIC CAPACITOR CD110H-35V-220uF-M	C929
464-DF722-M0	ELECTROLYTIC CAPACITOR CD110H-35V-220uF-M	C942
462-25447-H1	POLYESTER CAPACITOR CL21-400V-474J-P15(II	C918
462-25447-H1	POLYESTER CAPACITOR CL21-400V-474J-P15(II	C924
467-2GA47-H0	METAL RESISTOR 2W-4.7Ω-JL	R955
467-2G310-H0	METAL RESISTOR 2W-10kΩ-JL	R940
467-2G310-H0	METAL RESISTOR 2W-10kΩ-JL	R941
467-7E491-H0A	VITREOUS-ENAMEL RESISTOR RI40-1/2W-910K-J	R920
467-5HB22-HA	CEMENT RESISTOR RX27-6-3W-0.22Ω-J	R942
467-5HB22-HA	CEMENT RESISTOR RX27-6-3W-0.22Ω-J	R911
469-40004-00	THERMISTOR 5D2-14LC !	R926
470-00341-00	SWITCHING TRANSFORMERSRW16ES-X70V113 !	T903
470-00342-00	SWITCHING TRANSFORMERBCK-180-34LP !	T904
477-40243-00	FIXED COIL SRW32/20PQ-X11V101	L904
477-20075-00	FILTER TF2010F-163Y2R0-X01	T902
477-40189-00	FIXED COIL LI050	L909
477-40245-00	FIXED COIL SF-T1810C-100I-X01	L906
569-14141-80	FUSE 50T 4AL 250V !	FU901
655-81101-01	(8-PINS) LEAD WITH HOUSING	X903
666-13511-00	FERRITE BEAD 3.5X1X4.5	L902
666-13511-00	FERRITE BEAD 3.5X1X4.5	L905
666-13511-00	FERRITE BEAD 3.5X1X4.5	L908
477-20076-00	POWER FILTER TF1409F-122Y2R0-X	T901
477-40244-00	FIXED COIL OL0516H-100M3R0	L907
477-20078-00	POWER FILTER TF1407F-132Y2R5-X	T905
462-2B422-M0V	POLYESTER CAPACITOR 250VAC-0.22uF-M !	C905
459-B222M-20	CERAMIC CAPACITOR ECK-DNS222MEX !	C908
459-B222M-20	CERAMIC CAPACITOR ECK-DNS222MEX !	C907
803-10198-00	POWER BOARD TOP COVER	
803-10199-00	POWER BOARD BOTTOM COVER	
838-10400-00	SPRING	
808-7A287-00	INSULATOR (PC)	
822-10197-00	INSULATING CAP TO-220A	
808-80234-00	SILICA PIECE TO-2535	
852-43006-81	SCREW F(+) M3*6-DZn	
852-43006-81	SCREW F(+) M3*6-DZn	
852-53006-81	SCREW SJ2830 M3X6-D.Zn	

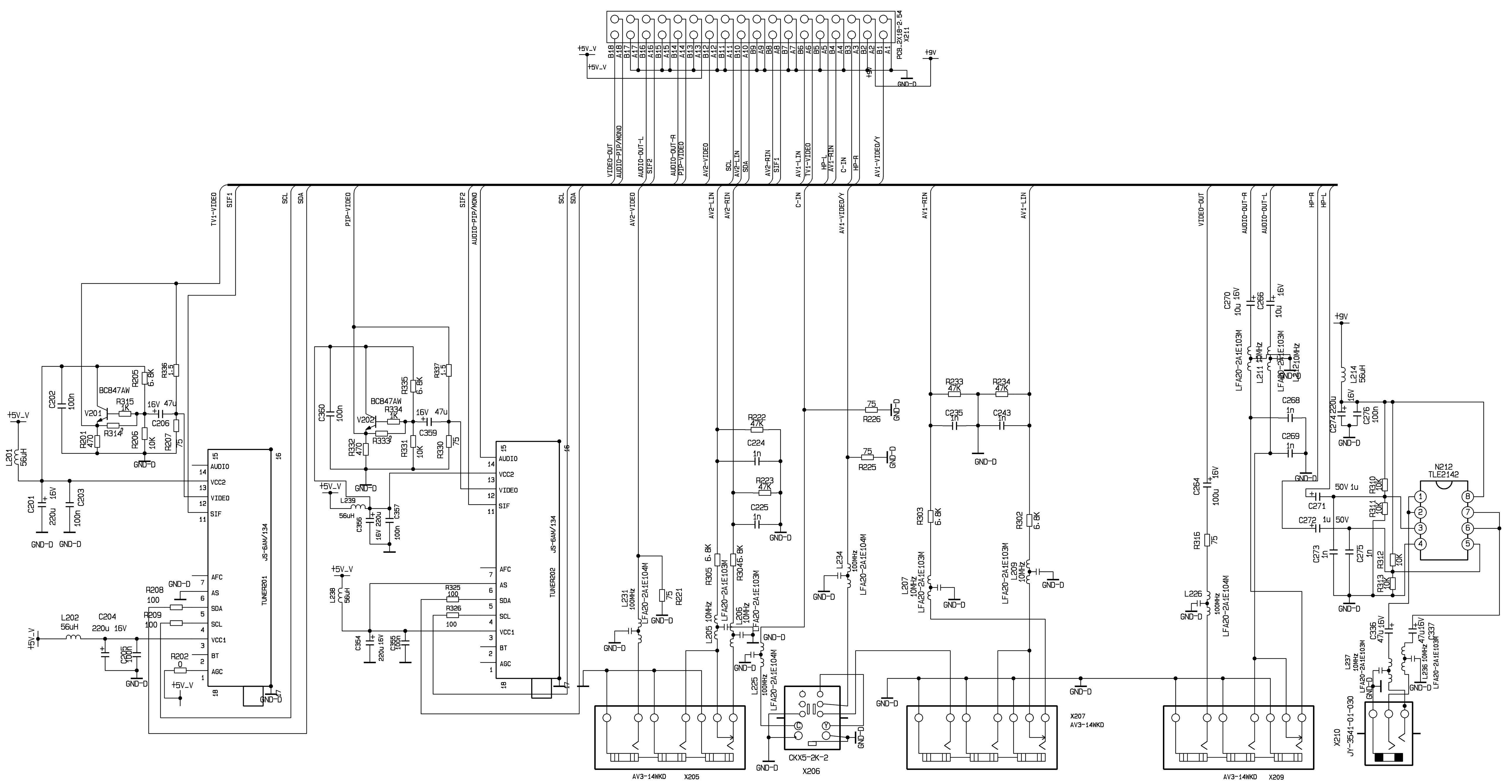
852-53006-81	SCREW SJ2830 M3X6-D.Zn	
364-331BX-00	3-PINS CONNECTORS FF-A8000-WR-2	X901
808-70332-00	INSULATOR	
808-80234-00	SILICA PIECE TO-2535	
808-80258-00	GASKET 35X40X2	
808-70332-00	INSULATOR	
808-7A288-00	INSULATOR (PC)	
808-80234-00	SILICA PIECE TO-2535	
667-L27M6-20*	POWER PCB ASS'Y (SMD)	
340-00001-0S	SMD DIODE LL4148	D902
340-00001-0S	SMD DIODE LL4148	D911
340-00001-0S	SMD DIODE LL4148	D909
340-00001-0S	SMD DIODE LL4148	D905
340-51502-00	*SMD ZENER DIODE BZV55-B15V	D910
340-51502-00	*SMD ZENER DIODE BZV55-B15V	D901
342-39060-30	SMD TRANSISTOR MMBT3906LT1	V904
342-39060-30	SMD TRANSISTOR MMBT3906LT1	V903
342-39040-00	SMD TRANSISTOR MMBT3904	V901
342-39040-00	SMD TRANSISTOR MMBT3904	V902
342-39040-00	SMD TRANSISTOR MMBT3904	V905
353-04310-30	SMD IC LM431ACDR	N908
353-27010-10	SMD IC PS2701-1-V	N905
353-27010-10	SMD IC PS2701-1-V	N907
353-12070-10	SMD IC NCP1207DR2	N904
353-33260-50	SMD IC MC33260D	N901
455-22000-H0	SMD RESISTOR RC11-1/8W-0-J	R915
455-22000-H0	SMD RESISTOR RC11-1/8W-0-J	R944
455-22000-H0	SMD RESISTOR RC11-1/8W-0-J	R938
455-22000-H0	SMD RESISTOR RC11-1/8W-0-J	R945
455-22010-H0	SMD RESISTOR RC11-1/8W-10-J	R919
455-22047-H0	SMD RESISTOR RC11-1/8W-47-J	R913
455-22047-H0	SMD RESISTOR RC11-1/8W-47-J	R931
455-22122-H0	SMD RESISTOR RC11-1/8W-220-J	R928
455-22122-H0	SMD RESISTOR RC11-1/8W-220-J	R935
455-22122-H0	SMD RESISTOR RC11-1/8W-220-J	R932
455-22147-H0	SMD RESISTOR RC11-1/8W-470-J	R949
455-22210-H0	SMD RESISTOR RC11-1/8W-1K-J	R912
455-22210-H0	SMD RESISTOR RC11-1/8W-1K-J	R950
455-22210-H0	SMD RESISTOR RC11-1/8W-1K-J	R929
455-22222-H0	SMD RESISTOR RC11-1/8W-2.2K-J	R925
455-22230-H0	SMD RESISTOR RC11-1/8W-3K-J	R914
455-22247-H0	SMD RESISTOR RC11-1/8W-4.7K-J	R917
455-22247-H0	SMD RESISTOR RC11-1/8W-4.7K-J	R939
455-22247-H0	SMD RESISTOR RC11-1/8W-4.7K-J	R909
455-22291-H0	SMD RESISTOR RC11-1/8W-9.1K-J	R903
455-22310-H0	SMD RESISTOR RC11-1/8W-10K-J	R952
455-22310-H0	SMD RESISTOR RC11-1/8W-10K-J	R937
455-22310-H0	SMD RESISTOR RC11-1/8W-10K-J	R936
455-22315-H0	SMD RESISTOR RC11-1/8W-15K-J	R910
455-22315-H0	SMD RESISTOR RC11-1/8W-15K-J	R906
455-22322-H0	SMD RESISTOR RC11-1/8W-22K-J	R905
455-22322-H0	SMD RESISTOR RC11-1/8W-22K-J	R904
455-22326-F2	SMD RESISTOR RC-05K2612FT	R953
455-22339-H0	SMD RESISTOR RC11-1/8W-39K-J	R927
455-22347-H0	SMD RESISTOR RC11-1/8W-47K-J	R902

455-22347-H0	SMD RESISTOR RC11-1/8W-47K-J	R901
455-31030-H0	SMD RESISTOR RC06J300	R921
455-31030-H0	SMD RESISTOR RC06J300	R922
455-31030-H0	SMD RESISTOR RC06J300	R923
455-31030-H0	SMD RESISTOR RC06J300	R924
455-31310-H0	SMD RESISTOR RC06J103	R933
455-31310-H0	SMD RESISTOR RC06J103	R934
455-31510-H0	SMD RESISTOR RC06J105	R907
455-31510-H0	SMD RESISTOR RC06J105	R908
455-31510-H0	SMD RESISTOR RC06J105	R918
456-2468R-C2	SMD CAPACITOR 08052E684Z250BA	C904
456-3022H-12	SMD CAPACITOR C2012CH1H220JT	C931
456-3039H-12	SMD CAPACITOR C2012CH1H390JT	C921
456-3147H-12	SMD CAPACITOR C2012CH1H471JT	C926
456-3210H-12	SMD CAPACITOR C2012CH1H102JT	C925
456-3222K-B2	SMD CAPACITOR C2012X7R1H222KT	C923
456-3310K-B2	SMD CAPACITOR C2012X7R1H103KT	C901
456-3310K-B2	SMD CAPACITOR C2012X7R1H103KT	C906
456-3310K-B2	SMD CAPACITOR C2012X7R1H103KT	C941
456-3410K-B2	SMD CAPACITOR C2012X7R1H104KT	C903
456-3410K-B2	SMD CAPACITOR C2012X7R1H104KT	C937
456-3410K-B2	SMD CAPACITOR C2012X7R1H104KT	C910
456-3410K-B2	SMD CAPACITOR C2012X7R1H104KT	C927
456-3410K-B2	SMD CAPACITOR C2012X7R1H104KT	C933
456-3410K-B2	SMD CAPACITOR C2012X7R1H104KT	C912
782-L27M6-200A	POWER PCB	
455-22247-H0	SMD RESISTOR RC11-1/8W-4.7K-J	R916
455-22230-F2	SMD RESISTOR RC-05K3091FT	R954
998	JUMPER WIRE	J901
998	JUMPER WIRE	J902
998	JUMPER WIRE	J903
998	JUMPER WIRE	J904
998	JUMPER WIRE	J905
998	JUMPER WIRE	J906
998	JUMPER WIRE	J907
998	JUMPER WIRE	J909
998	JUMPER WIRE	J910
998	JUMPER WIRE	J911
998	JUMPER WIRE	J912
455-22022-H0	SMD RESISTOR RC11-1/8W-22-J	R930
615-10429-04	**HOLDER ASS'Y (DZ-1527)**	
615-10368-00A	AXLETREE ASS'Y	
742-30073-00	TIE	
804-20371-00A	SUPPORT BOARD	
807-20214-00	HOLDER	
808-10692-0G0	STAND COLUMN FRONT COVER (SILVER WHITE 06)	
808-10693-0G0	STAND COLUMN BACK COVER (SILVER WHITE 06)	
808-10711-0G0	DECORATIVE COVER (LEFT) SILVERY WHITE 06	
808-10712-0G0	DECORATIVE COVER (RIGHT) SILVERY WHITE 06	
820-20035-00A	BALANCE BOARD	
851-23010-14	SCREW SJ2824 ST3X10C-Y	
851-23010-14	SCREW SJ2824 ST3X10C-Y	
851-43006-32	SCREW F(+)T3X6BT-D.Ni	
851-43006-32	SCREW F(+)T3X6BT-D.Ni	
851-43016-14	SCREW F(+)T3x16A-Y	

851-43016-14	SCREW F(+)T3x16A-Y	
851-44008-52	SCREW F(+)T4X8G-DNi	
851-44008-52	SCREW F(+)T4X8G-DNi	
852-44008-82	SCREW F(+)M4X8-D.Ni	
852-44008-82	SCREW F(+)M4X8-D.Ni	
852-54006-81	SCREW SJ2830 M4X6-D.Zn	
852-54006-81	SCREW SJ2830 M4X6-D.Zn	
852-94010-81	COMPOSE SCREW SJ2836 M4X10-D.Zn	
852-94010-81	COMPOSE SCREW SJ2836 M4X10-D.Zn	
868-2A448-00	HOLDER CUSHION	
852-44008-82	SCREW F(+)M4X8-D.Ni	
852-44008-82	SCREW F(+)M4X8-D.Ni	
535-L27M6-03	**WALL MOUNT ASS'Y**	
886-31511-00	WALL MOUNT PACKING BOX	
887-21167-00	WALL MOUNT ACCESSORY PACKING BAG (MIDDLE 性)	
615-1A288-00A	WALL MOUNT ASS'Y	
855-C4030-00	SCREW 4X30	
855-B0016-00	EXPANDING BOLT M8X72	
852-34008-81	SCREW B(+) M4X8-D.Zn	
301-UL27K6-38RC	**RC-U38R-0CREMOTE CONTROL UNIT (AUDIOVOX)**	
615-20332-00	**SPEAK ASS'Y**	
868-20453-00	RUBBER WASHER	
851-53008-31	SCREW SJ2825 ST3X8FT D.Zn	
870-20954-00A	SPEAK BRACKET	
384-31904-B0	SPEAKER YF 10-401	
655-4E301-83	(4-PINS) LEAD WITH HOUSING	
808-70240-00	EVA GLUE 75X30X1	



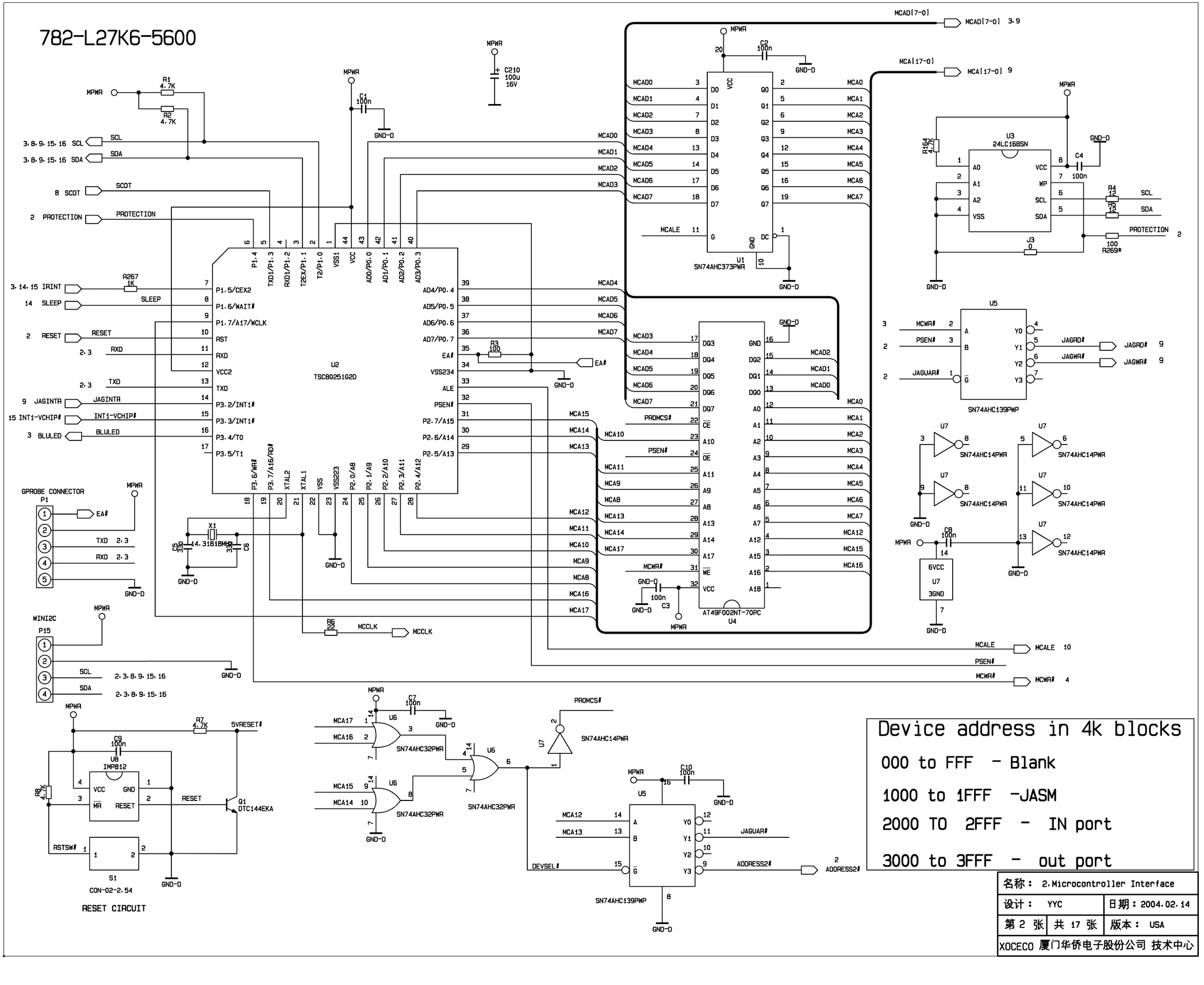
名称：TUNER & AUDIO PROCESSING	
设计：LC27K6	日期：2003/11/15
第 1 张	共 1 张 版本：Version1.0
XOCECO 厦门华侨电子股份公司 技术中心	



PCB-2X18-2.54
X211
+5V_V
+9V
GND-D
VIDEO-OUT
AUDIO-PIP/MONO
AUDIO-OUT-L
SIF2
AUDIO-OUT-R
PIP-VIDEO
AV2-VIDEO
SCL
AV2-LIN
SDA
AV2-RIN
SIF1
AV1-LIN
TV1-VIDEO
HP-L
AV1-RIN
C-IN
HP-R
AV1-VIDEO/Y
BC847AW
V201
V202
TUNER201
TUNER202
JS-6AM/134
AUDIO
VCC2
VIDEO
SIF
AFC
AS
SDA
SCL
VCC1
BT
AGC
L201 56uH
L202 56uH
C204 220u 16V
C206 16V 47u
C359 16V 47u
R208 100
R209 100
R202 0
R325 100
R326 100
R222 47K
R223 47K
C224 1n
C225 1n
R233 47K
R234 47K
C235 1n
C243 1n
R226 75
R225 75
R305 6.8K
R304 6.8K
R303 6.8K
R302 6.8K
R316 75
C264 100u 16V
C270 10u 16V
C266 10u 16V
C268 1n
C269 1n
L214 56uH
C274 220u 16V
C276 100n
N212
TLE2142
C271 50V 1u
C272 1u 50V
C273 1n
C275 1n
R310 10K
R311 10K
R312 10K
R313 10K
C336 47u 16V
C337 47u 16V
LFA20-2A1E103M
LFA20-2A1E104M
AV3-14WKD X205
CKX5-2K-2
X206
X207
AV3-14WKD
AV3-14WKD X209
X210
JY-3541-01-030

名称：	VIDEO PROCESS
设计： LZHH	日期：
第 张 共 张	版本：
XOCECO 厦门华侨电子股份公司 技术中心	

782-L27K6-5600



Device address in 4k blocks

000 to FFF - Blank

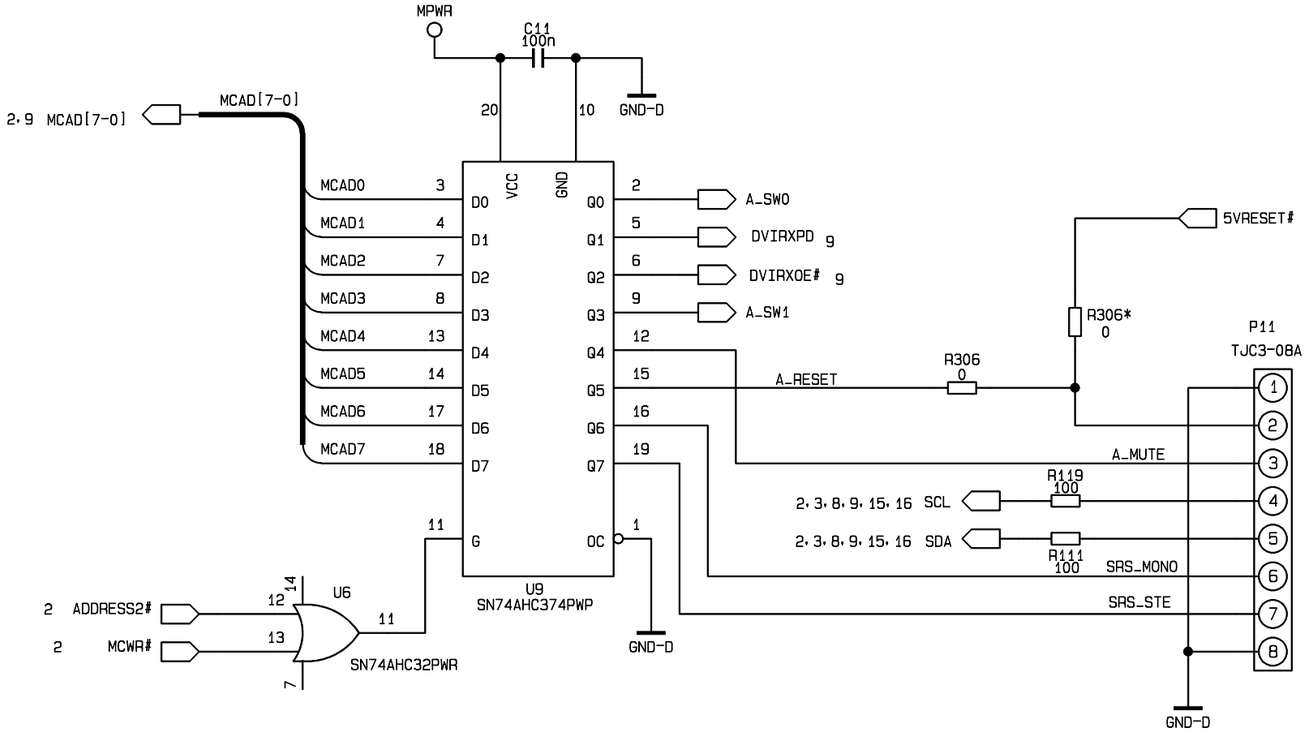
1000 to 1FFF -JASM

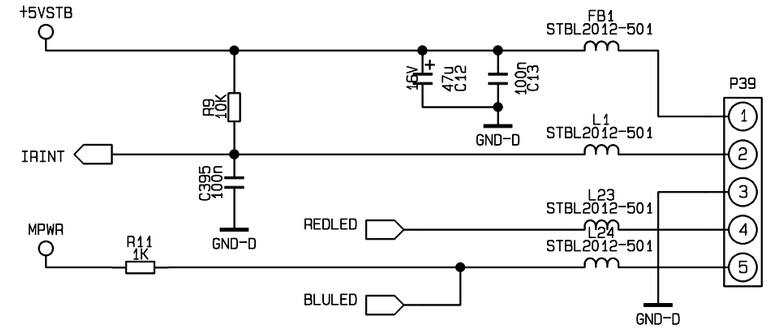
2000 TO 2FFF - IN port

3000 to 3FFF - out port

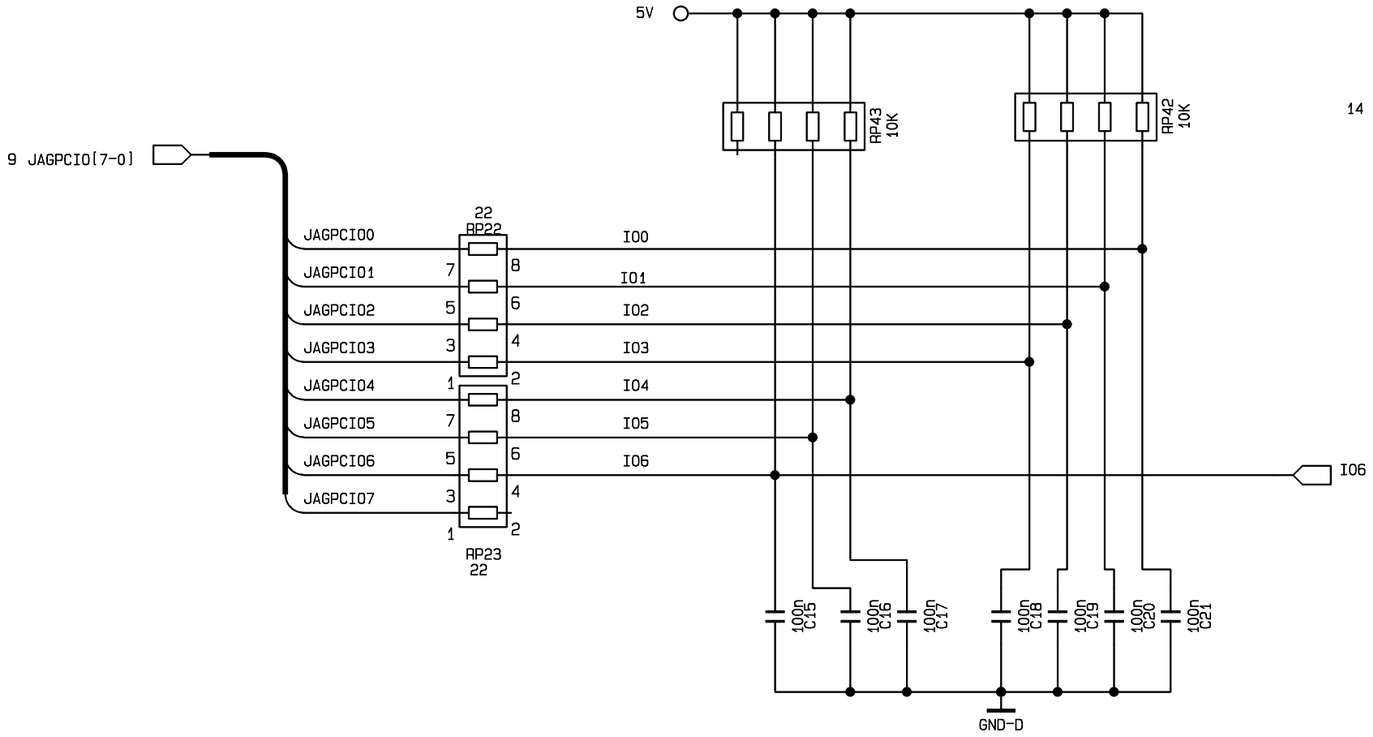
名称： 2.Microcontroller Interface		
设计： YYC		日期：2004.02.14
第 2 张	共 17 张	版本： USA
XOCECO 厦门华侨电子股份公司 技术中心		

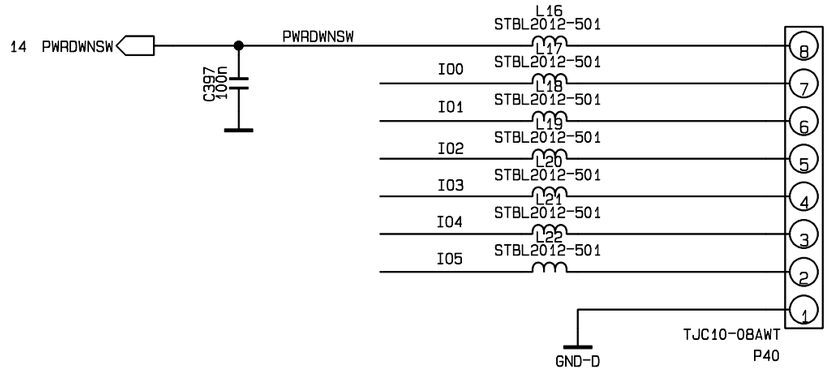
782-L27K6-5600





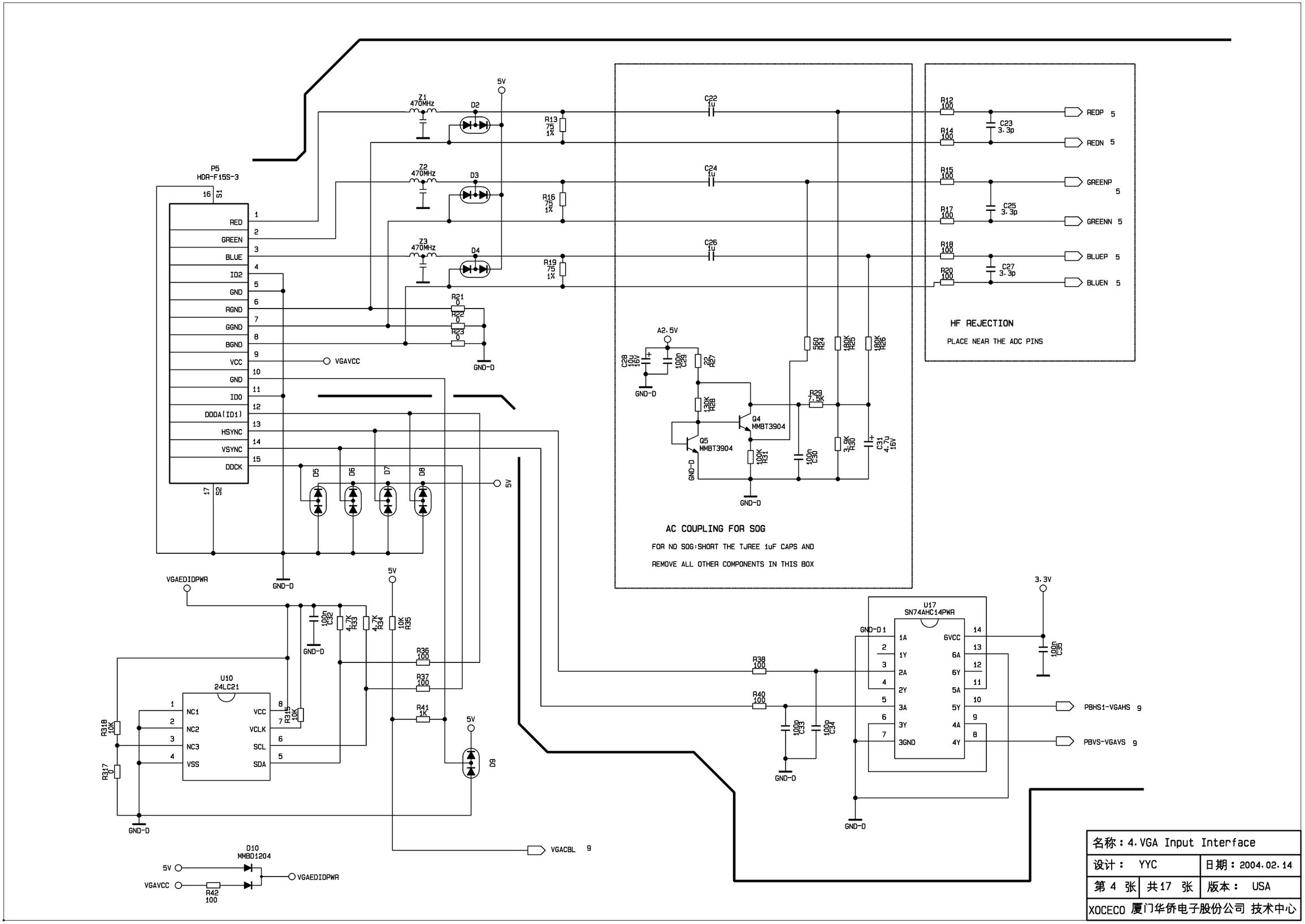
IR&LED
INTERFACE



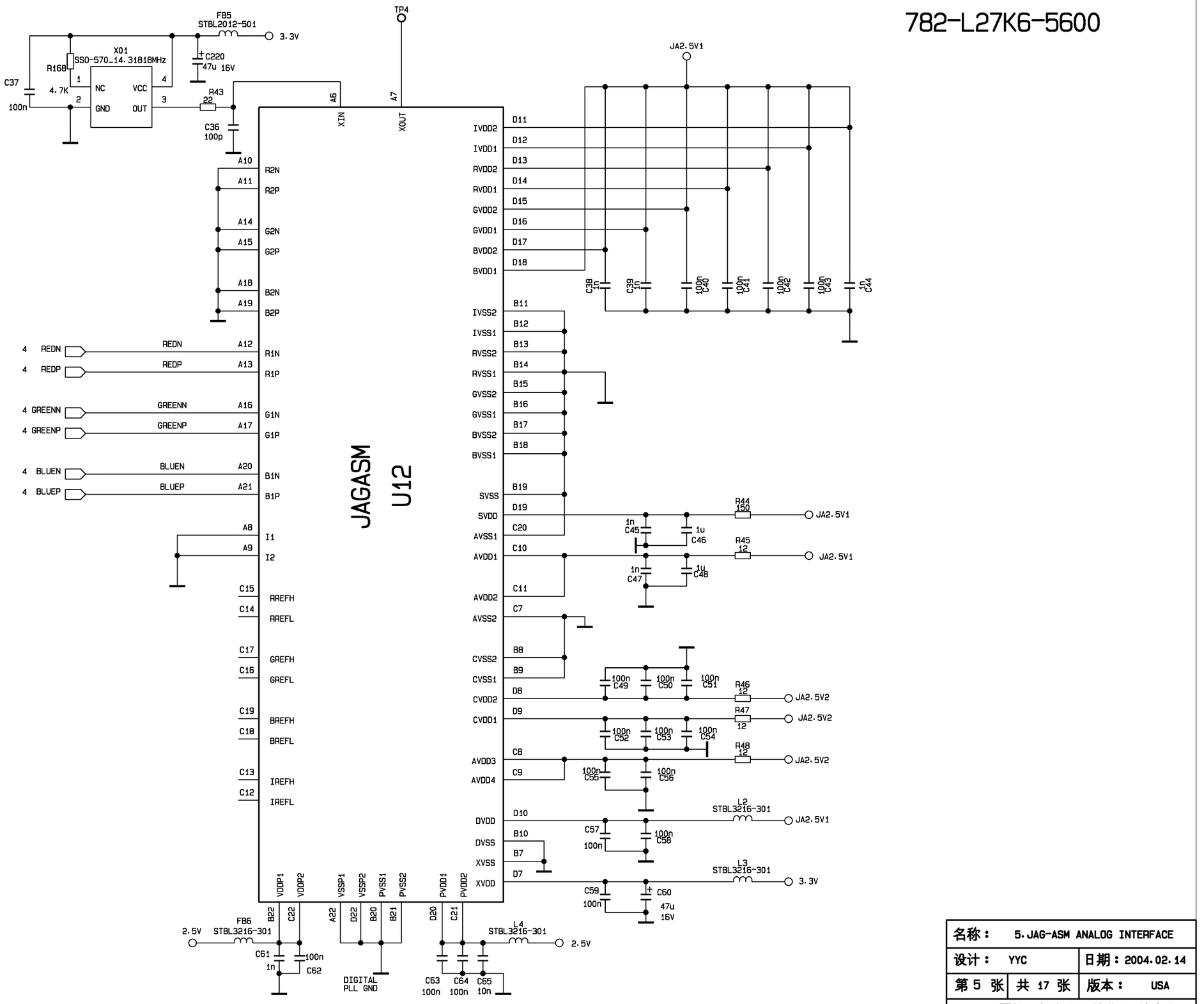


KEYBOARD INTERFACE

名称： 3.IO Ports and IR Interface		
设计： YYC		日期：2004.02.14
第 3 张	共 17 张	版本： USA
XOCECO 厦门华侨电子股份公司 技术中心		



名称：4.VGA Input Interface		
设计： YYC		日期：2004.02.14
第 4 张	共17 张	版本： USA
XOCECO 厦门华侨电子股份公司 技术中心		



名称： 5.JAG-ASM ANALOG INTERFACE		
设计： YYC		日期：2004.02.14
第 5 张	共 17 张	版本： USA
XOCECO 厦门华侨电子股份公司 技术中心		

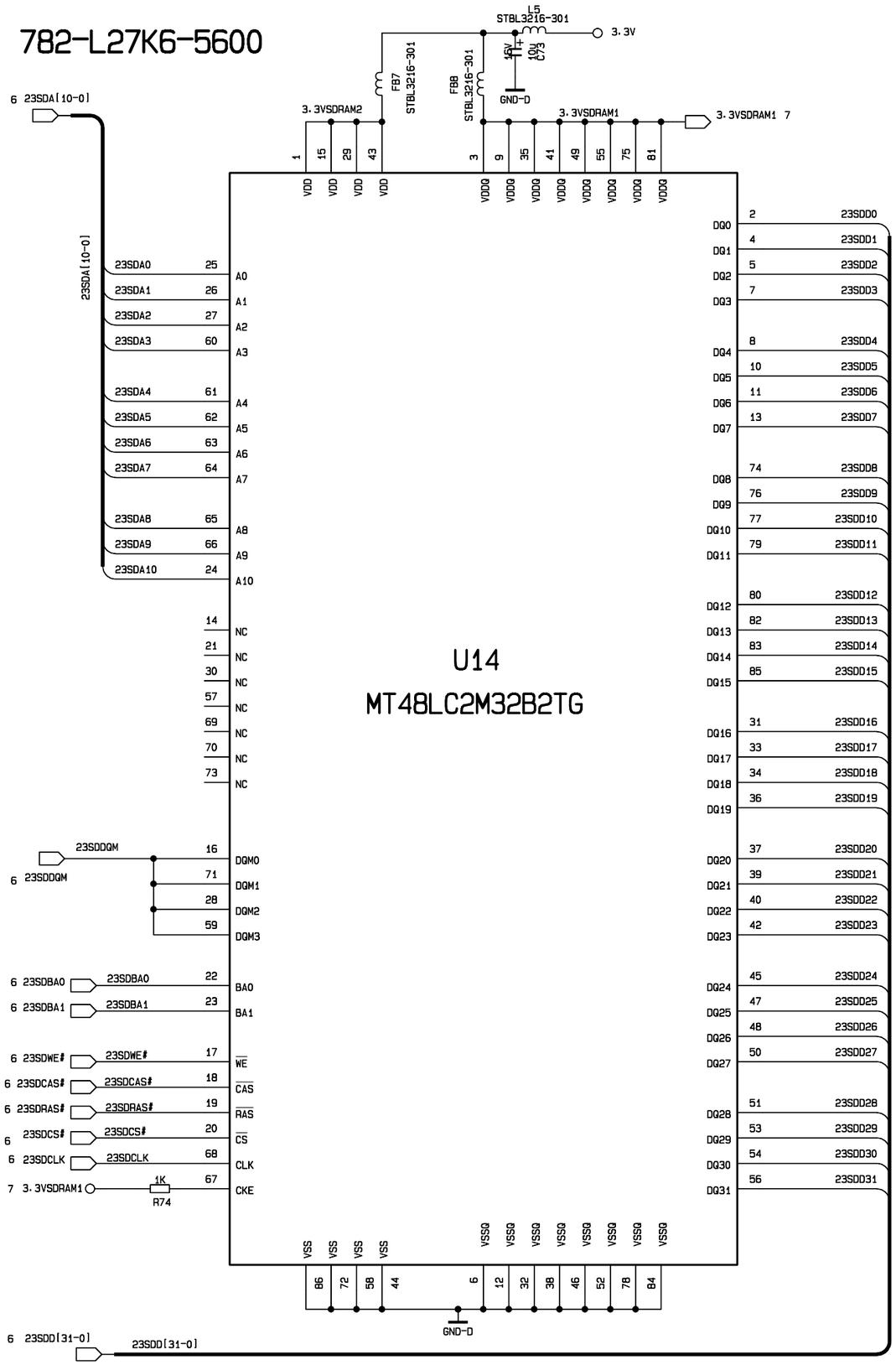
782-L27K6-5600

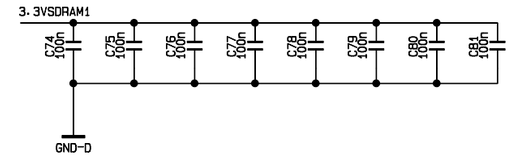
U13

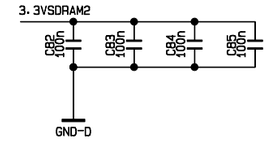
S2300

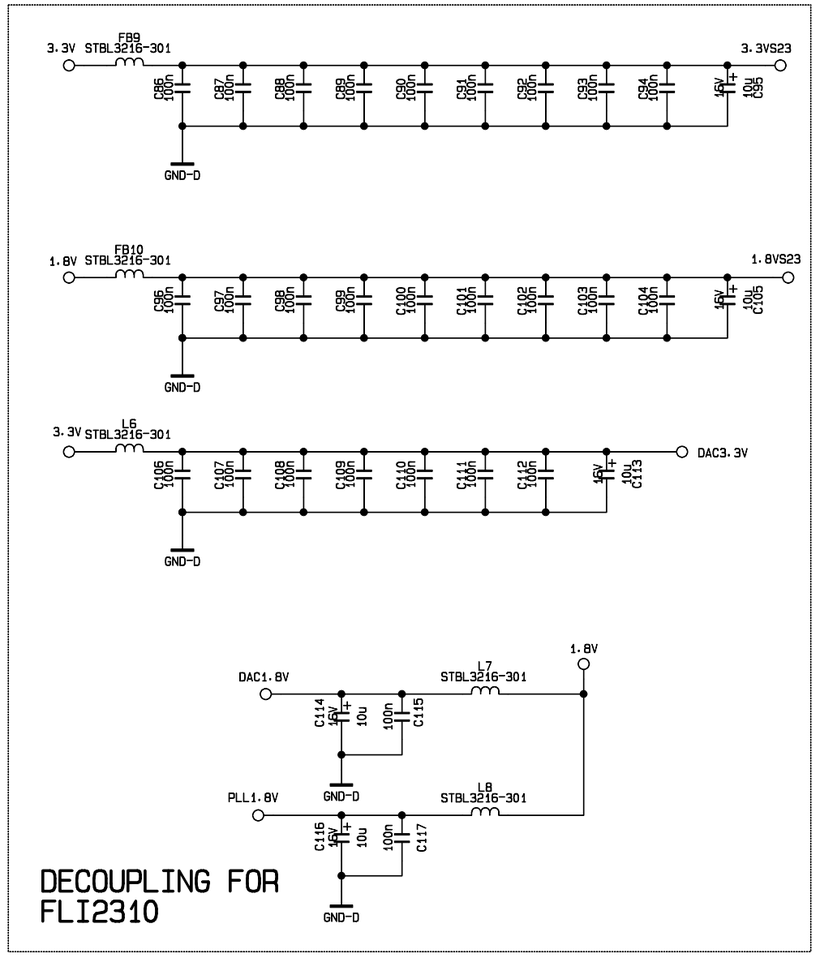
名称：	6.FLI2310 De-Interface		
设计：	YYC	日期：	2004.02.14
第 6 张	共 17 张	版本：	USA
XOCECO 厦门华侨电子股份公司 技术中心			

782-L27K6-5600









名称： 7.SDRAM for FIL2310		
设计： YYC		日期：2004.02.14
第 7 张	共 17 张	版本： USA
XOCECO 厦门华侨电子股份公司 技术中心		

782-L27K6-5600

TMDS INPUT

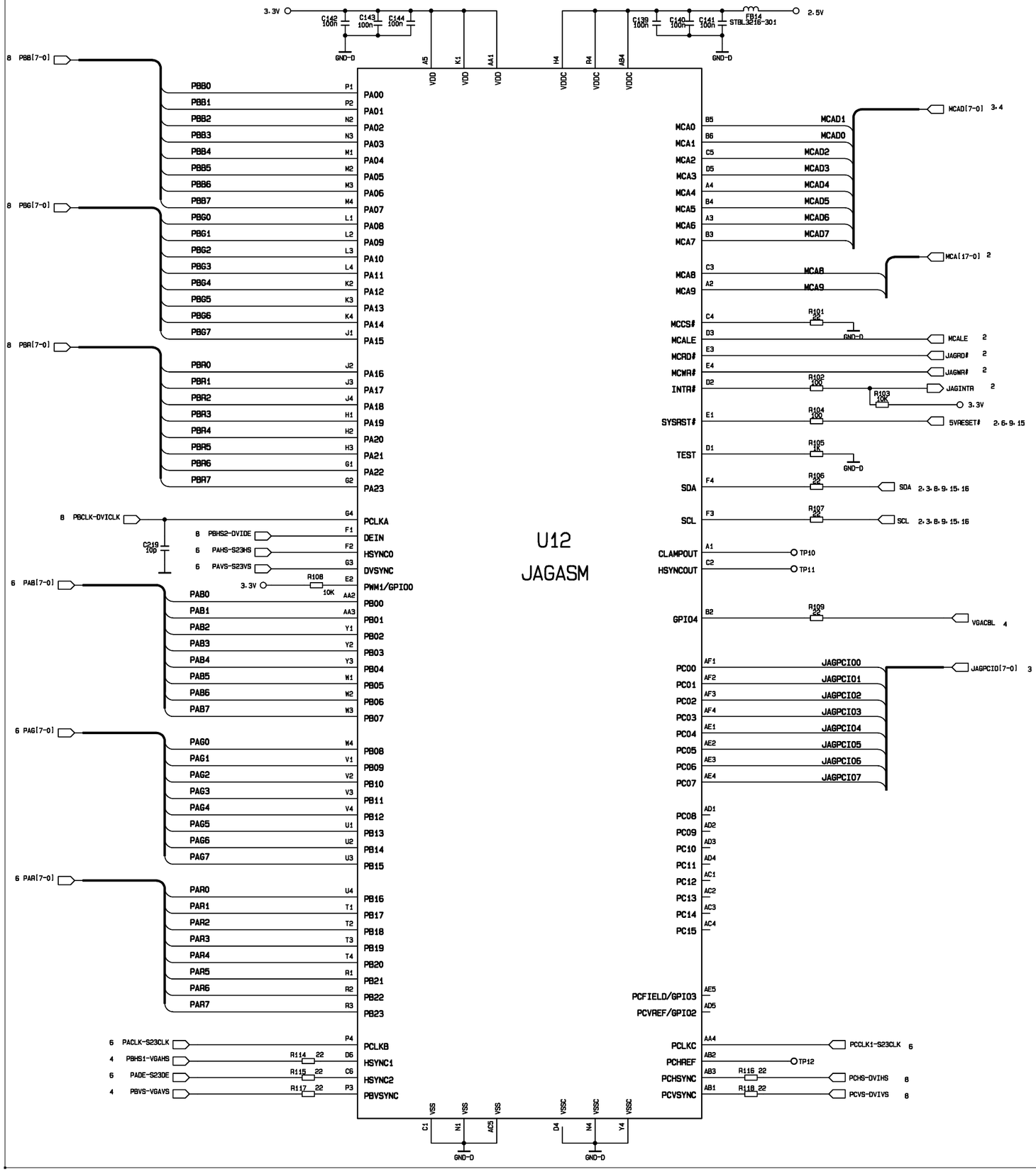
U15

TFP403

EDID EEPROM

HDCP EEPROM

名称： 8.DVI Interface		
设计： YYC	日期：2004.02.14	
第 8 张	共 17 张	版本： USA
XOCECO 厦门华侨电子股份公司 技术中心		



782-L27K6-5600

S2300

DATA PORT-B
CLOCK PORT-B, C
SYNC PORT A
DE PORT B

DVI

DATA PORT-A
DE PORT-A
CLOCK PORT-A
SYNC PORT-C

VGA

AN1- R, G, B
SYNC
PORT-B

CCIR656

DATA PORT-C
SYNC EMBEDDED
CLOCK PORT-C
FIELD PORT-C

名称： 9.JagAsm Digital Input Interface		
设计： YYC		日期：2004.02.14
第 9 张	共 17 张	版本： USA
XOCECO 厦门华侨电子股份公司 技术中心		

782-L27K6-5600

3.3V

C346 0.1u C347 0.1u C348 0.1u C349 0.1u C350 0.1u

GND-D

SD[63-0] 11

FB15 STBL3216-301 2.5V

C351 0.1u C352 0.1u C353 0.1u C354 0.1u

GND-D

SAME COPPER ISLAND ON L4

SAME COPPER ISLAND ON L4

JAGASM
U12

SD0	AD22	SDD000	
SD1	AE22	SDD001	
SD2	AC23	SDD002	
SD3	AD23	SDD003	
SD4	AE23	SDD004	
SD5	AC24	SDD005	
SD6	AD24	SDD006	
SD7	AE24	SDD007	
SD8	AF24	SDD008	
SD9	AC25	SDD009	
SD10	AD25	SDD010	
SD11	AE25	SDD011	
SD12	AF25	SDD012	
SD13	AD26	SDD013	
SD14	AE26	SDD014	
SD15	AB24	SDD015	
SD16	AB25	SDD016	
SD17	AB26	SDD017	
SD18	AA23	SDD018	
SD19	AA24	SDD019	
SD20	AA25	SDD020	
SD21	AA26	SDD021	
SD22	Y23	SDD022	
SD23	Y24	SDD023	
SD24	Y25	SDD024	
SD25	W24	SDD025	
SD26	W25	SDD026	
SD27	W26	SDD027	
SD28	L23	SDD028	
SD29	L24	SDD029	
SD30	L25	SDD030	
SD31	K24	SDD031	

SD[63-0]

A25	SD63	SDD063	
A24	SD62	SDD062	
B26	SD61	SDD061	
B25	SD60	SDD060	
B24	SD59	SDD059	
B23	SD58	SDD058	
C26	SD57	SDD057	
C25	SD56	SDD056	
C24	SD55	SDD055	
C23	SD54	SDD054	
D26	SD53	SDD053	
D25	SD52	SDD052	
D24	SD51	SDD051	
E26	SD50	SDD050	
E25	SD49	SDD049	
E24	SD48	SDD048	
E23	SD47	SDD047	
F25	SD46	SDD046	
F24	SD45	SDD045	
F23	SD44	SDD044	
G26	SD43	SDD043	
G25	SD42	SDD042	
G24	SD41	SDD041	
H26	SD40	SDD040	
H25	SD39	SDD039	
H24	SD38	SDD038	
H23	SD37	SDD037	
J25	SD36	SDD036	
J24	SD35	SDD035	
J23	SD34	SDD034	
K26	SD33	SDD033	
K25	SD32	SDD032	

SA0	V23	SDA0	
SA1	V24	SDA1	
SA2	V25	SDA2	
SA3	V26	SDA3	
U23		SDA4	
U24		SDA5	
U25		SD6	
P25		SDA7	
P26		SDA8	
N24		SDA9	
N25		SDA10	

M25		DQS	
M24		BANK	
M23		DQM	
M26		SDCS0	
P23		SDCKN	
P24		SDRAS#	
R25		SDWE#	
R24		SDCKE	
T26		SDCAS#	
R23		SDCKP	
T25		SDCKFB	
T24	MCCLK	MEMCLK	

VDD: A25 J26 N25 U26 Y26 AF26 D23 K23 T23 AB23 D21

VDDC: D23 K23 T23 AB23 D21

VSS: A23 F26 L26 R26 AC26 AF23 G23 N23 W23

GND-D GND-D

RP17 22: TSA0 TSA1 TSA2 TSA3

RP19 22: TSA6 TSA5 TSA4

RP21 22: TSA8 TSA7 TSA10 TSA9

TSA[10-0] 11

RP18 22: DQM BA0 CS# BA1

R122 0 R123 0

RP20 22: RAS# WE# CAS# CKE

R124 0

R125 22

TSDQM 11
TSBA0 11
TSCS# 11
TSBA1 11
TSRAS# 11
TSWE# 11
TSCAS# 11
TSCKE# 11
TSCLK 11
MCCLK 2

名称： 10.JAG_ASM SDRAM Interface		
设计： YYC		日期：2004.02.14
第10 张	共 17 张	版本： USA
XOCECO 厦门华侨电子股份公司 技术中心		

10 SD[63-0]

10 TSA[10-0]

U19
MT48LC2M32B2TG

U20
MT48LC2M32B2TG

SDRAM ALTERNATIVES

FUJITSU MB811643242A

MICRON MT48LC2M32B2

SAMSUNG K4S643232C

DECOUPLING FOR SDRAMS

名称： 11.SDRAM Frame Buffer for Jag-ASM	
设计： YYC	日期：2004.02.14
第 11张 共17 张	版本： USA
XOCECO 厦门华侨电子股份公司 技术中心	

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2.5V — FB16 STBL3216-301 — C181 100n, C182 100n, C183 1u — 3.3V — C184 1u, C185 100n, C186 100n

U12

JAGASM

VDDC: AC20, AC14, AC8

VDD: AF21, AF16, AF10

VSS: L11–L16, M11–M16, N11–N16, P11–P16, R11–R16, T11–T16

VSSA: AC22, AC17, AC11, AF19, AF13, AF8

PD0–PD47 → DARED0–DARED7 (RP28, RP29), DAGRN0–DAGRN7 (RP30, RP31), DABLU0–DABLU7 (RP32, RP33)

JVSYNC → DVS 17

JHSYNC → DHS 13, 17

JDE → DEN 17

JSHFCLK → PDCLK 17

RP34 22 → PNLCLK-S23CLK 6

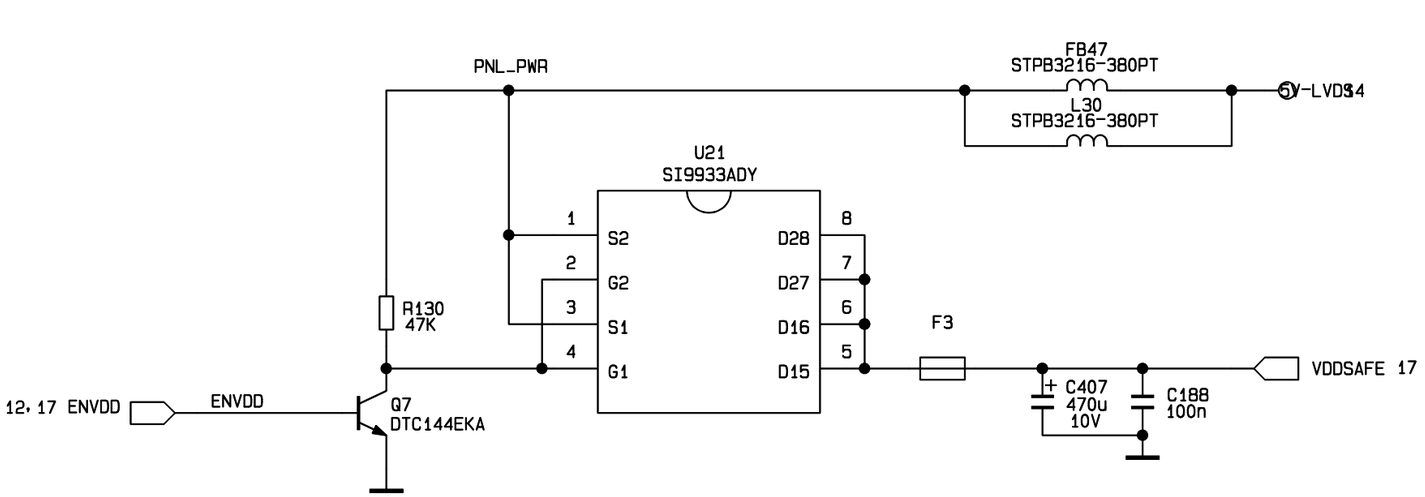
B1 → R169 22 → PWM 13

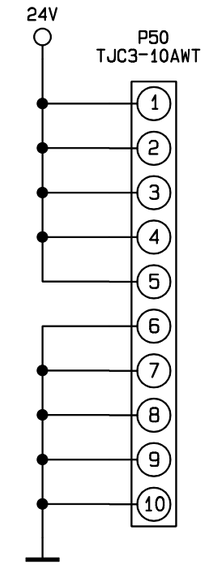
AD21 → R39 22 → ENVDD 13, 17

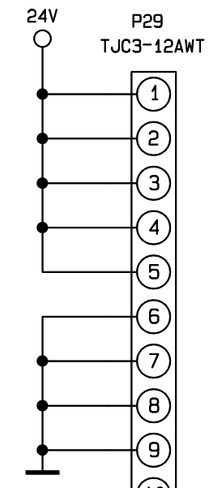
AF22 → R38 22 → ENBKL 13

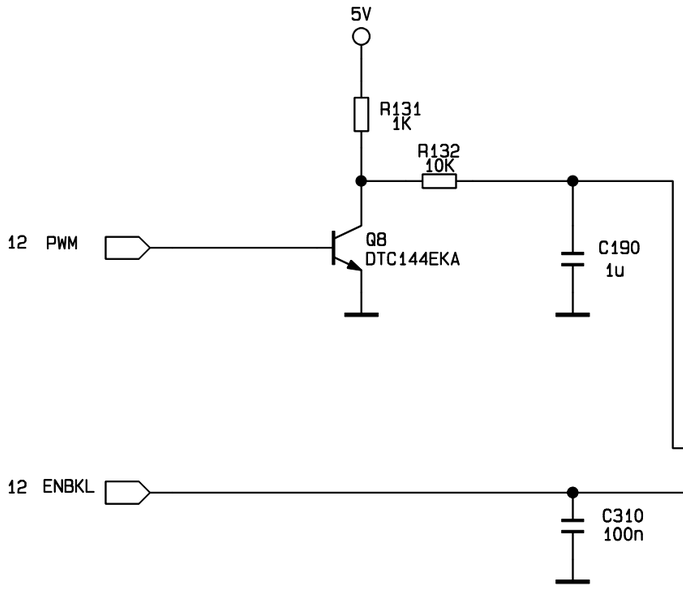
名称： 12.JAG-ASM Panel Interface		
设计： YYC		日期：2004.02.14
第12 张	共 17 张	版本： USA
XOCECO 厦门华侨电子股份公司 技术中心		

782-L27K6-5600



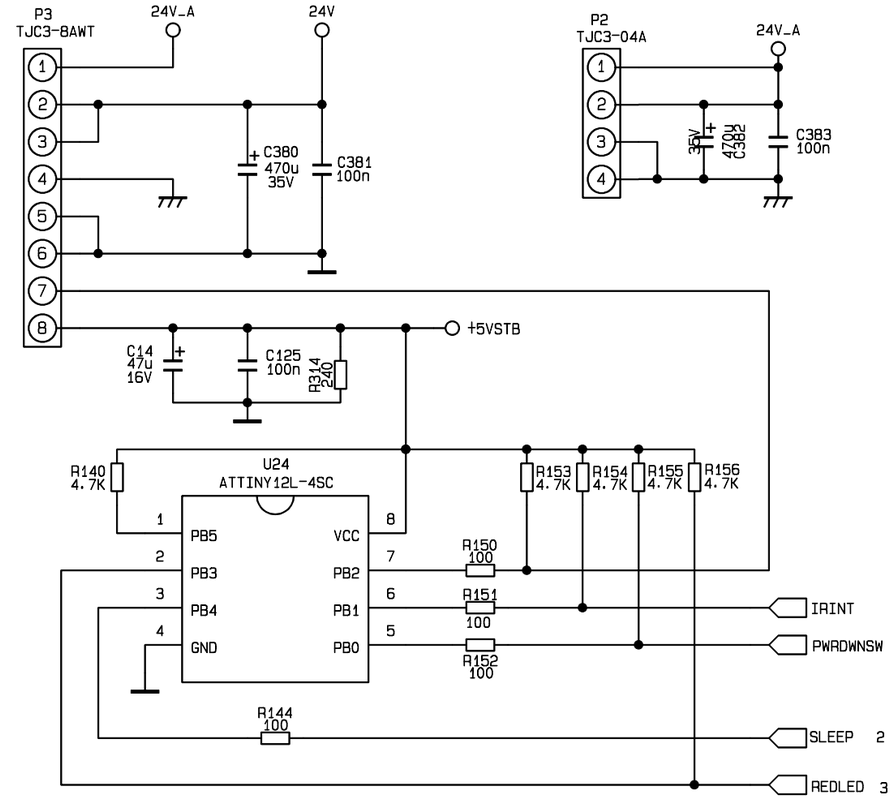


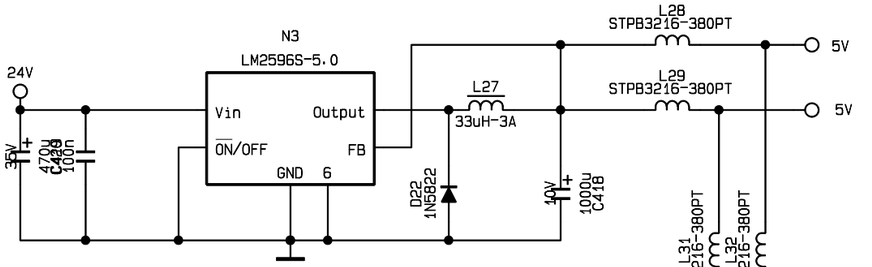


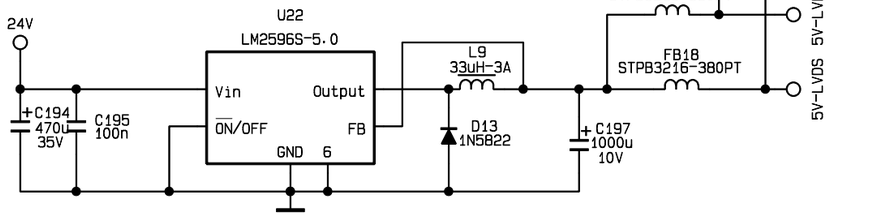


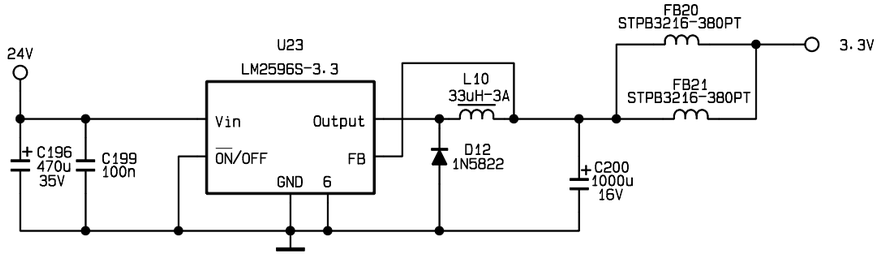
名称 :13. Panel Power and Backlight		
设计 : YYC		日期 :2004. 02. 14
第13 张	共17 张	版本 : USA
XOCECO 厦门华侨电子股份公司 技术中心		

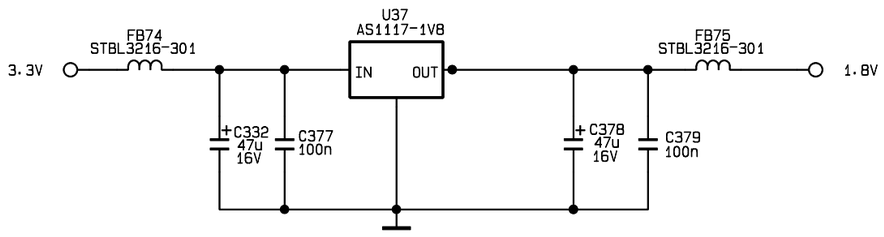
782-L27K6-5600

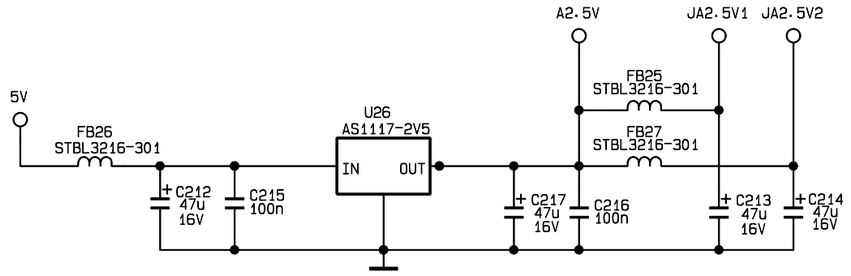


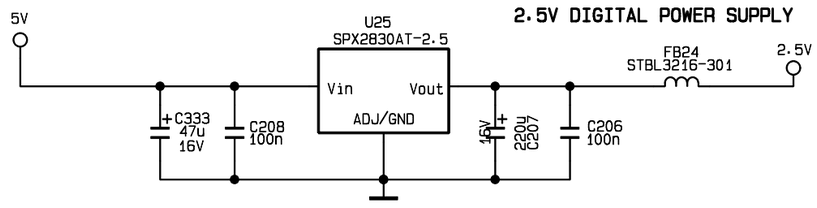












名称： 14.Power Supply		
设计： YYC		日期：2004.02.14
第14 张	共 17 张	版本： USA
XOCECO 厦门华侨电子股份公司 技术中心		

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U29
VPC3230D

U32
Z86229125SC

名称：15.VIDEO DECODER		
设计： YYC		日期:2004.02.14
第15张	共 17 张	版本： USA
XOCECO 厦门华侨电子股份公司 技术中心		

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U30

AD9883

U34

HEF4052BT

P34 HJR-613/P8-1

P35 HJR-413/P8-1

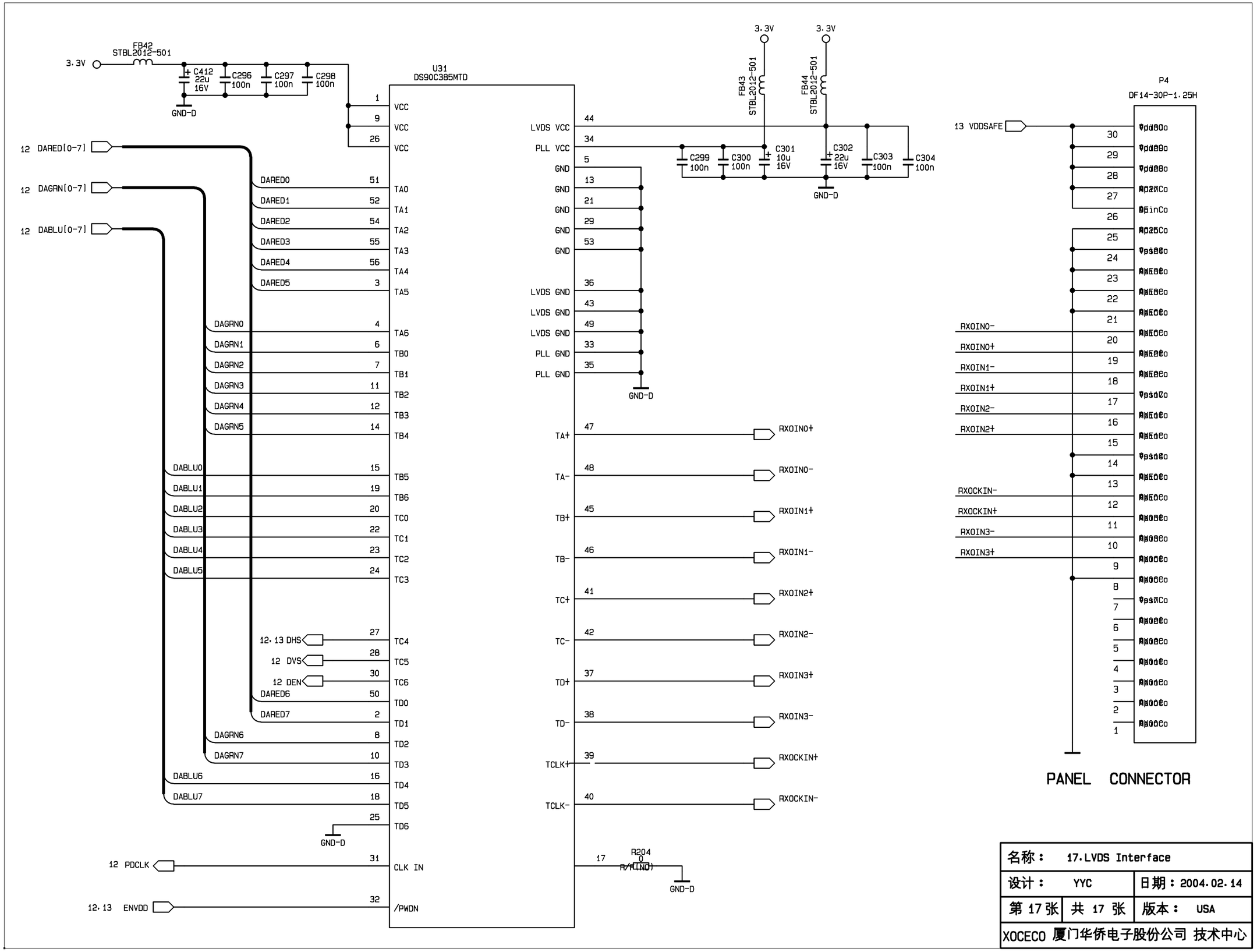
P24 JY-3541-01-030

P25 JY-3541-01-030

P37 TJC3-08A

AUDIO OUPT TO AV BOARD

名称：	16.HD INPUT	
设计：	YYC	日期：2004.02.14
第16 张	共 17 张	版本： USA
XOCECO 厦门华侨电子股份公司 技术中心		

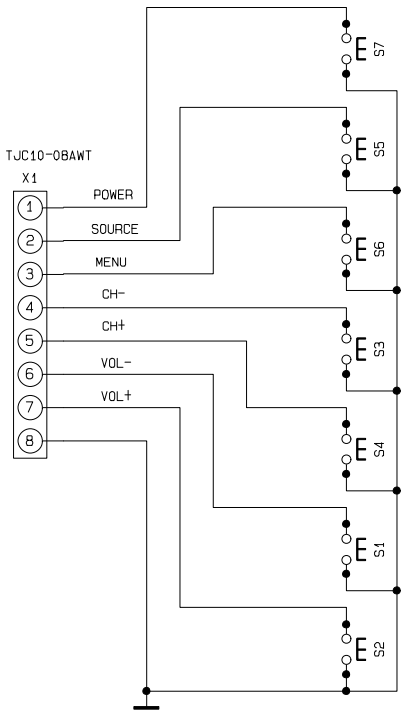

FB42
STBL2012-501
3.3V
C412
22u
16V
C296
100n
C297
100n
C298
100n
GND-D
U31
DS90C385MTD
VCC
VCC
VCC
LVDS VCC
PLL VCC
GND
GND
GND
GND
GND
LVDS GND
LVDS GND
LVDS GND
PLL GND
PLL GND
FB43
STBL2012-501
FB44
STBL2012-501
C299
100n
C300
100n
C301
10u
16V
C302
22u
16V
C303
100n
C304
100n
12 DARED[0-7]
12 DAGRN[0-7]
12 DABLU[0-7]
DARED0
DARED1
DARED2
DARED3
DARED4
DARED5
DAGRN0
DAGRN1
DAGRN2
DAGRN3
DAGRN4
DAGRN5
DABLU0
DABLU1
DABLU2
DABLU3
DABLU4
DABLU5
12, 13 DHS
12 DVS
12 DEN
DARED6
DARED7
DAGRN6
DAGRN7
DABLU6
DABLU7
TA0
TA1
TA2
TA3
TA4
TA5
TA6
TB0
TB1
TB2
TB3
TB4
TB5
TB6
TC0
TC1
TC2
TC3
TC4
TC5
TC6
TD0
TD1
TD2
TD3
TD4
TD5
TD6
12 PDCLK
CLK IN
12, 13 ENVDD
/PWDN
TA+
TA-
TB+
TB-
TC+
TC-
TD+
TD-
TCLK+
TCLK-
RXOIN0+
RXOIN0-
RXOIN1+
RXOIN1-
RXOIN2+
RXOIN2-
RXOIN3+
RXOIN3-
RXOCKIN+
RXOCKIN-
17
R204
0
R/H(NC)
13 VDDSAFE
P4
DF14-30P-1.25H
PANEL CONNECTOR
名称： 17.LVDS Interface
设计： YYC
日期：2004.02.14
第 17 张
共 17 张
版本： USA
XOCECO 厦门华侨电子股份公司 技术中心

A B C

1

2

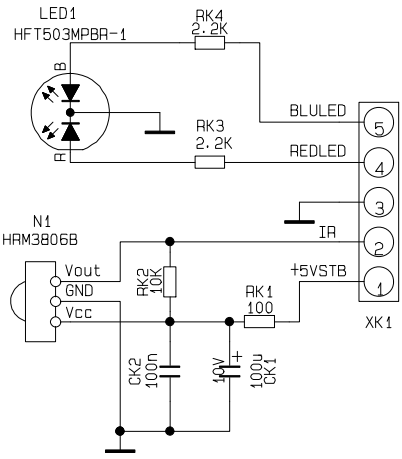
3



名称：	BUTTON	
设计：		日期：2004.02.25
第 1 张	共 1 张	版本： 1.0
XOCECO 厦门华侨电子股份公司 技术中心		

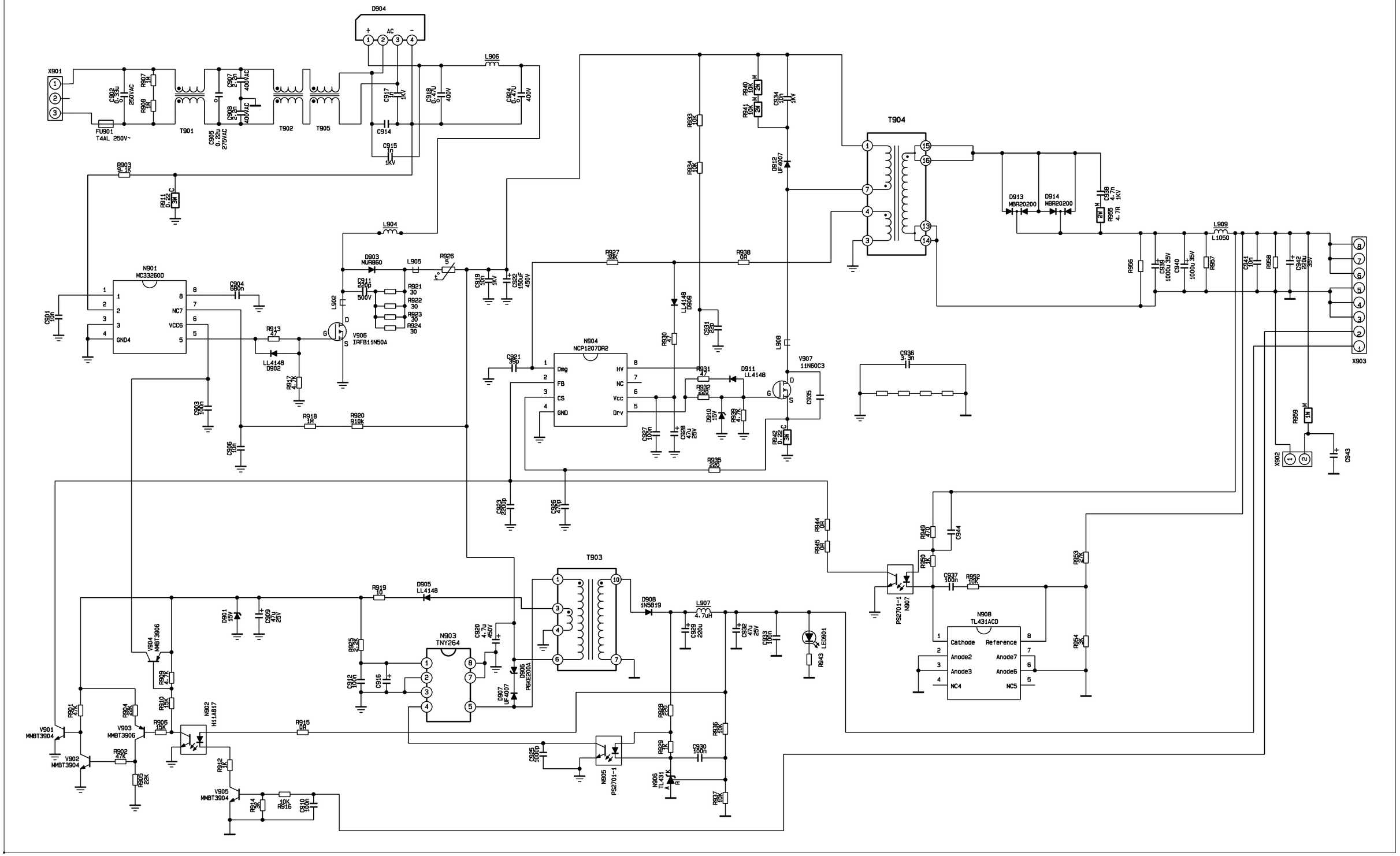
A B C

1



2

名称： IR&LED		
设计： YYC		日期：2004-02-25
第 1 张	共 1 张	版本：Version1.0
XOCECO 厦门华侨电子股份公司 技术中心		


D904
AC
X901
FU901
T4AL 250V~
T901
T902
T905
L906
T904
L904
L905
L902
L908
L909
L1050
N901
MC33260D
GND4
VCC6
NC7
N904
NCP1207DR2
Dmg
FB
CS
GND
HV
NC
Vcc
Drv
N903
TNY264
T903
N908
TL431ACD
Cathode
Reference
Anode2
Anode3
NC4
Anode7
Anode6
NC5
N905
PS2701-1
N907
V901
MMBT3904
V902
MMBT3904
V903
MMBT3906
V904
MMBT3906
V905
MMBT3904
V906
IRFB11N50A
V907
11N60C3
D903
MUR860
D905
LL4148
D906
RGK200A
D907
UF4007
D908
1N5819
D909
LL4148
D910
15V
D911
LL4148
D912
UF4007
D913
MBR20200
D914
MBR20200
LED901
X902
X903